

SECTION 1: Identification of the substance/mixture and of the company/undertaking		
1.1 Product identifier Trade name	Erythrosin B	
Stock number:	A14180	
CAS Number: 568-63-8 1.2 Relevant identified uses of the substance or mixture and uses advised against. Identified use: Identified use: SU24		
1.3 Details of the supplier of the safety data Manufacturer/Supplier:	Alfa Aesar GmbH & Co.KG	
	A Johnson Matthey Company Zeppelinstr. 7b	
	T6185 Karlsruhe / Germany Tel: +49 (0) 721 84007 280 Fax: +49 (0) 721 84007 300	
	Email: tech@alfa.com	
Informing department:	www.alfa.com Product safety Tel + +049 (0) 7275 988687-0	
1.4 Emergency telephone number:	Product safety Tel + +049 (0) 7275 988687-0 Carechem 24: +44 (0) 1235 239 670 (Multi-language emergency number) Poison Information Center Mainz www.giftinfo.uni-mainz.de Telephone: +49(0)6131/19240	
SECTION 2: Hazards identification		
2.1 Classification of the substance or mixtur		
Classification according to Regulation (EC)	No 1272/2008	
GHS07		
Acute Tox. 4 H302 Harmful if swallowed. Classification according to Directive 67/548/	FC or Directive 1999/45/FC	
Xn; Harmful		
R22: Harmful if swallowed. Information concerning particular hazards	Net englischt.	
for human and environment: Other hazards that do not result in	Not applicable	
classification	No information known.	
Labelling according to Regulation (EC) No 1272/2008	The substance is classified and labelled according to the CLP regulation.	
Hazard pictograms	\wedge	
	GHS07	
Signal word	Warning H302 Harmful if swallowed.	
Hazard statements Precautionary statements	P264 Wash thoroughly after handling.	
	P270 Do not eat, dřink or smoke whěn using this product. P330 Rinse mouth. P242 IS SWAL OWED: Coll o ROISON CENTER/dogtor if you fool upwoll	
2.3 Other hazards	P301+P312 IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell. P501 Dispose of contents/container in accordance with local/regional/national/international regulations.	
Results of PBT and vPvB assessment PBT:	Notapplicable	
vPvB:	Not applicable. Not applicable.	
SECTION 3: Composition/information of	on ingredients	
3.1 Substances CAS# Designation:	568-63-8 Erythrosin B	
SECTION 4: First aid measures		
4.1 Description of first aid measures After inhalation	Supply fresh air. If required, provide artificial respiration. Keep patient warm. Consult doctor if symptoms	
	persist. Seek immediate medical advice.	
After skin contact	Instantly wash with water and soap and rinse thoroughly. Seek immediate medical advice.	
After eye contact After swallowing	Rinse opened eye for several minutes under running water. Then consult doctor. Seek medical treatment.	
4.2 Most important symptoms and effects, both acute and delayed	No further relevant information available.	
4.3 Indication of any immediate medical attention and special treatment needed	No further relevant information available.	
SECTION 5: Firefighting measures		
5.1 Extinguishing media Suitable extinguishing agents	CO2, extinguishing powder or water jet. Fight larger fires with water jet or alcohol-resistant foam.	
5.2 Special hazards arising from the substance or mixture	If this product is involved in a fire, the following can be released:	
	Carbon monoxide and carbon dióxide Hydrogen iodide (HJ)	
5.3 Advice for firefighters	Sódium oxide	
Protective equipment:	Wear self-contained breathing apparatus. Wear full protective suit.	
SECTION 6: Accidental release measur	es	
6.1 Personal precautions, protective equipment and emergency procedures	Wear protective equipment. Keep unprotected persons away.	
6.2 Environmental precautions:	Ensure adequate ventilation Do not allow product to reach sewage system or water bodies.	
	(Contd. on page 2)	

Control constrained productions and material for containing up, constrained productions and sharehing up, constrained productions and sharehing up, constrained productions and sharehing up, constrained up,	de name <i>Erythrosin B</i>	
And cleaning up: Belows of contaminated matrix is wake according to lien 13. Belows of contaminated matrix is wake according to lien 13. Belows of contaminated matrix is a wake according to lien 13. Belows of contaminated matrix is a wake according to lien 13. Belows of contaminated matrix is a wake according to lien 13. Belows of contaminated matrix is a wake according to lien 13. Belows of contaminated matrix is a wake according to lien 13. Belows of the matrix is a		Do not allow to enter the ground/soil. (Contd. of page
Prevention of decordary hazards: No special measures required. See Sector 13 or information on disposal. See Sector 13 or information on personal protection equipment. See Sector 13 or information on disposal. See Sector 13 or information about protective gas. See Sector 13 or information baout. 12 Conditions for sale storage in one common See Sector 13 or information baout. 13 Specific and used by storerooms and See Sector 13 or information baout storage conditions: 13 Specific and used by storerooms and Store a way from valer. 15 Series under dry information about storage conditions: 13 Specific and used by storerooms and protective gas. 25 Series under dry information about storage Store a way from valer. 25 Series under dry information. 26 Sector 10 Sector in the effect of Upper 10 Sector 14 Sector 10 Sector in the effect of Upper 10 Sector 15 Sector 10 Sector in the effect of Upper 10 Sector 16 Sector 10 Sector in the effect of Upper 10 Sector 16 Sector 10 Sector	and cleaning up:	
See Section 1 for information on personal protection equipment. See Section 1 for information on Adjound. SECTION 7: Handling and storage SECTION 7: Handling and storage Threading a set bare handling Hindle under dry protective gas. Threading a set bare handling Hindle under dry protective gas. Threading a set bare handling Hindle under dry protective gas. Threading a set bare handling Hindle under dry protective gas. Threading a set bare handling Hindle under dry protective gas. Threading a set bare handling Hindle under dry protective gas. Threading a set bare handling Hindle under dry protective gas. Threading a set bare handling Hindle under dry protective gas. Threading a set bare handling Hindle under dry protective gas. Threading a set bare handling Hindle under dry protective gas. Threading a set bare handling Hindle under dry protective gas. Threading a set bare handling Hindle under dry protective gas. Threading a set bare handling Hindle under dry protective gas. Threading a set bare handling Hindle under dry protective gas. Threading a set bare handling Hindle under dry protective gas. Threading a set bare handling Hindle under dry protective gas. Threading a set bare handling Hindle Under dry protective gas. Threading a set bare handling Hindle Under dry protective gas. Threading a set bare handling Hindle Under dry protective gas. Threading a set bare handling Hindle Under dry protective gas. Threading a set bare handling Hindle Under dry protective gas. Threading a set bare handling Hindle Under Hand	Prevention of secondary hazards:	No special measures required.
SECTION 7: Handling and storage 1. Proceeditions for safe handling 1. Proceeditions for safe handling 1. Proceeditions for safe handling 1. Proceeditions for safe storage, including any incompatibilities 1. Sections for safe storage, including any incompatibilities 1. Containers 1.		See section 8 for information on personal protection equipment.
1 Precautions for safe handling Handle under dry protective gas: Keep containers tighty sealed.conset containers. Ensure good well-balancie/shussion at the workplace. 2 Continents toghty sealed.conset containers. No information about storage in a compatibilities formation about storage in one common torage failing. No information thooms. 2 Continents toghty sealed.conset containers. Store in the data. No information thooms. No information thooms. 3 specific end use(s) Store in the data. Store in the data. 3 specific end use(s) Keep container tighty sealed. No information about storage in a control k/per sontainer tighty sealed. 2 Control parameters a origination about storage dictional information about storage of a liefast 100 feet per minute. No information hyper sontainer tighty sealed. 2 Control parameters a origination about storage in a control k/per sontainer tighty sealed.containers. Protect from hundity and kap assolid for hazardous chemicals and having an average face velo dictional information: No a totainers. 2 Control parameters a origination about storage in one velop about sontain any relevant quantities of materials with critical values that have to be monitor at the velop about sontain any relevant quantities of materials with critical values that have to be monitor at the velop about sontain any relevant quantities of materials with critical values that have to be monitor at the velop about sontain any relevant quantities of materials with critical values that have to be monitor at the velop conter the dabout sontain any relevant quantities of materials wit		
Store in cool, dry plate in tighty doed containers. France good vonitationers and fires: Xo information about protection against protection against Results results or safe storage, including any incompatibilities results requirements to be met by storerooms and requirements. Store in the dark. Store any from vater. Store in the dark. Store any from vater. Store any from vater. Store any from vater. Store any from vater. Store in the dark. Store any from vater. Protection protection definitions: Store in the dark. Store in the dark. Store any from vater. Protection protection definitions water. Store in the dark. Store in the store dark. Store in the dark. Store in the store dark. Store in	• •	Handle under dry protective gas.
Information about protection against Ensure good verifications of the workplace. Ensure good verifications for safe storage, including any incompatibilities is obtained in the information about storage in one common information about storage in one common information about storage income common information about storage inco		Keep containers tightly sealed.
Specific or safe storage, including any incompatibilities No information know. Storage instruction in the storage in one common Store in the dark. Store any form water. Store any form water. Store any form water. Store any form water. Store in the dark. Store any form water. Store under d'y intel gas. The product is the proprisone. Store in codi, dy coditions in well selide containers. Property operating chemical two hood designed for hazardous chemicals and having an average face ved of a tasket 100 feel per minute. Store include set in the dark. The product des not contain any relevant quantities of materials with critical values that have to be monitor any anteres. Store include set in the dark. The product des not contain any relevant quantities of materials with critical values that have to be monitor at the workplace. 11 Control parameters No further meters and food meters. Store include set in the dark. Material of glooves The usual precautionary measures should be adhered to in handling the chemicals. 22 Exposure controls Keep away form indicatifs, beverages and food <td></td> <td>Ensure good ventilation/exhaustion at the workplace.</td>		Ensure good ventilation/exhaustion at the workplace.
2 Conclusions for safe storage, including any incompatibilities Information about storage in one common itorage facility: No special requirements. Their information about storage in one common itorage facility: Store away from cxitiling agents. "Information about storage in one common itorage facility: Store away from cxitiling agents. "Information about storage conditions: The under drip inet pass. "Specific end use(s) No special requirements. * 7 Specific end use(s) Protect from the effects of igft. * Control parameters components with critical values that require the workplace. The product is hyproxemation available. SECTION 8: Exposure controls/personal protection workplace. The product is hyproxemation available. Section 1 microl workplace. The product does not contain any relevant quantities of materials with critical values that have to be monitor workplace. * Control parameters components with critical values that require the workplace. The usual protection with only concentrols of the workplace. * Section 1 micro workplace. The usual protection with only concentrols of the workplace. * The usual protection with only concentrols of the workplace. The usual protection with only concentrols of the workplace. * The usual protection with only concentrols of the workplace. The usual protection with only concentrols of the workplace. <	nformation about protection against	No information known
Storage monitories No special requirements. Storage facility: Storage facility: unter information about storage conditions: Storage facility: unter information about storage conditions: Storage facility: unter information about storage conditions: Storage facility: 2.3 Specific and use(a) Storage facility: 2.4 Specific and use(a) No future relevant information available. SECTION 8: Exposure controls/personal proceetion Protect from the effect of light No future relevant information available. 2.4 Control parameter: enhiced systems: Property operating chemical future hood designed for hazardous chemicals and having an average face velic of at less 100 feet per minute. 3.4 Control parameter: enhiced systems: The product does not contain any relevant quantiles of materials with critical values that have to be monito at the workplace. 3.4 Control parameter: enhiced systems: The product does not contain any relevant quantiles of materials with critical values that have to be monito at the workplace. 3.2 Enoing on enormation: No data 3.2 Enoing on enormation: No data 3.4 Control parameter: esconal protective and hygienic measures Mo data 3.2 Enoing on Matheritical and chemical properties The usual precustionary measures should be achiered to in handling the chemicals	•	
No special reguration is: No special reguration is: No special reguration is: No special reguration is in the dark. Store away from water. Store away from water. Store away from water. Store away from water. Store in cool, day conditions in water. Protect from hundrid away from from the work place: Protect from hundrid away from from the material with critical values that have to be moniton protect from hundrid away from from the work place: Protect from hundrid away from from the from the material with critical values that have to be moniton protect from hundrid away from from the from the material with critical values that have to be moniton protect from the material protection with high concentrations. Protect from manufacturer to manufacturer. Protect from manufacturer to manufacturer. Protect from manufacturer to manufacturer. Protect from manufacturer to manufacturer. Protect from manufacturer to manufacturer. Prot	Storage	
storage facility: Store in the dark. Store in the dark. Store wave from validing agents. Store wave from validing agents. Store wave from validing agents. Store under dy inert gas. Store under dy inert gas. Store incod. dy conditions in well sealed containers. Free container tighty sealed. Store under dy inert gas. As portion of the encod dy conditions in well sealed containers. Free container tighty sealed. Store under dy inert gas. Free container gas. Free container gas. Free container gas. Free controls gas. Free c	containers:	No special requirements.
Store away from oxiding agents. This product is hyproscopic. Keep Container tighty sealed. Store away from oxide agents. Store agents agents. Store agents agents. Store agents agents. Store agents agents agents. Store agents agents agents. Store agents agents agents agents agents. Store agents agents agents. Store agents agents agents agents. Store agents agent		
Store under dy inert gas. This product is hyporspace. Store in cool. dy particulars in well sealed containers. Fracted from hundling and keep away from water. As Specific end use(s) No further relevant information available. SECTION 8: Exposure controls/personal protection We lurther relevant information available. SECTION 8: Exposure controls/personal protection detinical systems: di aleasi 100 feet per ninute. Store in cool. 2: Control parameters Components with critical values that require The product does not contain any relevant quantities of materials with critical values that have to be monitor at the workplace. No tata 2: Exposure controls 2: Exposu		Store away from water. Store away from oxidising agents.
Arrow of the product is hyproscopic. Support and one of the product is hyproscopic. Support and one of the product is hyproscopic. Support and one of the product from the effects of light. Yes but the relevant information available. Yes but the relevant information avail the relevant informat		Store under dry inert gas.
Store in cool, dry conditions in well segled containers. Property controls were not by: SECTION 8: Exposure controls/personal protection Midditional information about design of echnical systems: Depending the workplace: Property operating chemical fume hood designed for hazardous chemicals and having an average face velo distant information about design of echnical systems: Depending the workplace: The product does not contain any relevant quantities of materials with critical values that have to be monitor at the workplace. No data The usual precautionary measures should be adhered to in handling the chemicals. Keep away from foodstuffs, beverages and food. Instantly renove any soled and impegnated gaments. Waintain an ergonomical way appoint working environment. Use breating protective and hygienc measures Free stantly renove any soled and impegnated gaments. Waintain an ergonomical way appoint working environment. Use breating protective with ortical values that have to be monitor at the workplace. No data The usual precautionary measures should be adhered to in handling the chemicals. Keep away from foodstuffs, beverages and food. Instantly renove any soled and impegnated gaments. Waintain an ergonomically appopriate working environment. Use breating protection with high concentrations. The usual proceedition with high concentrations. The usual proceedition with high concentrations. The usual proceedition with high concentrations. The uselection of hase protection in a difference with conting. The uselection of hase Stating gasses Protection of hands: The uselection of hase Stating gasses Protection in a difference with conting. Stating gasses Protection in a difference with content and chemical properties Protection in a difference with p		This product is hygroscopic.
3 specific end use(s) No further relevant information available. SECTION 8: Exposure controls/personal protection diditional information about design of property operating chemical tume hood designed for hazardous chemicals and having an average face velion of at last 100 feet per minute. 1: Control parameters Property operating chemical tume hood designed for hazardous chemicals and having an average face velion of at last 100 feet per minute. 1: Control parameters The product does not contain any relevant quantities of materials with critical values that have to be monito at the workplace. 1: Control parameters The product does not contain any relevant quantities of materials with critical values that have to be monito at the workplace. 1: Zeposure controls The usual precautionary measures should be adhered to in handling the chemicals. Keep away from foodstuffs, baverages and food. 2: Resource controls The usual precautionary measures should be adhered to in handling the chemicals. Keep away from foodstuffs, baverages and food. 3: opticative eglowes provide use to their proper condition. The spretchive glowes provide use to their proper condition. The protective work clothing. Section of hands: Check protective work clothing. Section of not more glowe material and varies from manufacturer. Section of the spretce Protective work clothing. Section of hands: Protective work clothing. Section of hands: Protective work clothing.		Store in cool, dry conditions in well sealed containers.
3.3 Specific end use(s) No further relevant information available. SECTION 8: Exposure controls/personal protection detitional information about design of permitted systems: Property operating chemical tume hood designed for hazardous chemicals and having an average face velion of at last 100 feet per minute. 3.1 Control parameters Property operating chemical tume hood designed for hazardous chemicals and having an average face velion of at last 100 feet per minute. 3.1 Control parameters The product does not contain any relevant quantities of materials with critical values that have to be monito at the workplace. 3.2 Exposure controls No data Personal protective equipment The usual precautionary measures should be adhered to in handling the chemicals. Keep away from foodstuffs, beverages and food. Stepsing equipment: Use breating protection with information. The structure glowes provide each use for their proper condition. The structure glowes provide each use for their proper condition. The structure glowes provide each use for their proper condition. The structure glowes provide each use for their proper condition. The structure glowes provide each use for their proper condition. The structure glowes provide each use for their proper condition. The structure glowes material information and varies from manufacturer. Impervicus glowes Section of hands: Dred at minufacturer. Section of hands: Protective work clothing. Section of hands: Protective work clothing. Sectin on on basic physical and chemica		Protect from humidity and keep away from water. Protect from the effects of light.
Additional information about design of exhinctal systems: Properly operating chemical fume hood designed for hazardous chemicals and having an average face velion of at least 100 feet per minute. 21 Control parameters Components with critical values that require nonliforing at the workplace. The product does not contain any relevant quantities of materials with critical values that have to be monitor at the workplace. 22 Exposure controls The usual precautionary measures should be adhered to in handling the chemicals. Keep away from foodstuffs, beverages and food. 23 Exposure controls The usual precautionary measures should be adhered to in handling the chemicals. Keep away from foodstuffs, beverages and food. 36 resthing equipment: Use breating protection with high concentrations. 57 resterion of hands: Check protection with high concentrations. 7 retection of hands: Check protection with high concentrations. 7 retection of bands: Check protection with an an ergonomically appropriate working environment. 31 of gloves Imperious gloves 9 reteration time of glove material. Protective work clothing. 52 ECTION 9: Physical and chemical properties 31 Information Powder 10 and material. Not determined. 30 and the stold: Not determined. 30 and the stold: Not determined	7.3 Specific end use(s)	No further relevant information available.
echnical systems: Property operating chemical fume hood designed for hazardous chemicals and having an average face velocital for the set of at least 100 feet per minute. 1.1 Control parameters components with critical values that require monitoring at the workplace: at the workplace. Additional information: In the workplace at the workplace. 2.2 Exposure controls Personal protective equipment Sense and the end of the work. 3.2 Exposure controls Personal protective equipment. 3.2 Exposure controls Personal protective equipment Sense and the end of the work. Maintain an ergonomical yappropriate work generations. The usual precautionary measures should be adhered to in handling the chemicals. Keep away from floodstifts, bewarages and tool. Wash hands during breaks and at the end of the work. Maintain an ergonomical yappropriate work generations. The selection with high concentrations. Wash hands during breaks and at the end of the work. Maintain an ergonomical yappropriate work generations. The selection with high concentrations. Section of hands: 2.5 ECTION 9: Physical and chemical properties 3.1 Information on basic physical and chemical properties 3.2 ECTION 9: Physical and chemical propertie		al protection
d at least 100 feet per minute. 1/ Control parameters Components with critical values that require noninoring at the workplace. Voidata The product does not contain any relevant quantities of materials with critical values that have to be monitor at the workplace. Voidata 2 Exposure controls Personal protective quipment Beneral protective quipment Beneral protective quipment Personal protection Protective quipment Personal protection Personal protec	Additional information about design of echnical systems:	Properly operating chemical fume hood designed for hazardous chemicals and having an average face velo
Components with critical values that require noninoring at the workplace. The product does not contain any relevant quantities of materials with critical values that have to be monito at the workplace. Value The product does not contain any relevant quantities of materials with critical values that have to be monito at the workplace. Value The product does not contain any relevant quantities of materials with critical values that have to be monito at the workplace. Value The submitted of the work place. Streaching equipment: The usual precautionary measures should be adhered to in handling the chemicals. Streaching equipment: Use breaching protection with high concentrations. The selection with high concentrations. The selection with high concentrations. The selection with high concentrations. The selection with high concentrations. Value The selection work soluting. Section: Protection if subhight and chemical properties Value Not determined Section: Powder Colour:		of at least 100 feet per minute.
Internation: The product does not contain any relevant quantities of materials with critical values that have to be monito at the workplace. Additional information: No data Value: No data Several protective equipment: The usual precautionary measures should be adhered to in handling the chemicals. Keep away solied and impregnated garments. Wash hands during breaks and at the off the work. Breathing equipment: The usual precautionary measures should be adhered to in handling the chemicals. Streathing equipment: The usual precautionary measures should be adhered to in handling the chemicals. Streathing equipment: The insulable gloves and tood. The streathing equipment: The insulable gloves does not only depend on the material, but also on further marks of qual and varies form manufacturer. Instantian an ergonomically appropriate working environment. Streathing agains	8.1 Control parameters Components with critical values that require	
Idditional information: No data 2 Exposure controls Personal protective eand hygienic measures The usual precautionary measures should be adhered to in handling the chemicals. Keep away from floodstuffs, beverages and flood. Instantly remove any solide and imprepated garments. Keep away from floodstuffs, beverages and flood. Instantly remove any solide and imprepated garments. Keep away from floodstuffs, beverages and flood. Instantly remove any solide and imprepated garments. Keep away from floodstuffs, beverages and flood. Instantly remove any solide and imprepated garments. Check protective gloves prior to each use for their proper condition. The selection of the suitable gloves does not only depend on the material, but also on further marks of qual and varies from manufacturer to manufacturer. Protection: Safety glasses Not determined Safety glasses Safety glasses Safety glasses Safety glasses Safety glasses Safety glasses Not determined Safety glasses Safety glasses Safety glasses Not determined Safety glasses Safety glasses Safety glasses Safety glasses Not determined Safety glasses Not determined Safety glasses Not determined Safety glasses Safety glasses Safety glasses Safety glasses Safety glasses Safety glasses Not determined Safety glasses Not determined Safety glasses Safety glasses	nonitoring at the workplace:	The product does not contain any relevant quantities of materials with critical values that have to be monito
tersonal protective equipment The usual precautionary measures should be adhered to in handling the chemicals. teneral protective and hygienic measures The usual precautionary measures should be adhered to in handling the chemicals. teneral protective and hygienic measures The usual precautionary measures should be adhered to in handling the chemicals. teneral protective and hygienic measures The usual precautionary measures should be adhered to in handling the chemicals. teneral protective and hygienic measures The usual precautionary measures should be adhered to in handling the chemicals. teneral protective and hygienic measures Maintain an ergonomically appropriate working environment. teneral protective in the sublicit of the subl	additional information:	
Seneral protective and hygienic measures The usual precautionary measures should be adhered to in handling the chemicals. Keep away from foodbuilts, beverages and food. Instantly remove any solled and impregnated gamments. Waithatin an ergonomically appropriate working environment. Use breathing protection with high concentrations. Check protective gloves prior to each use for their proper condition. The selection of the suitable gloves does not only depend on the material, but also on further marks of qual and varies from manufacturer to manufacturer. Impervious gloves Formation on basic physical and chemical properties Formation on basic physical and chemical properties Formation SECTION 9: Physical and chemical properties Formation F	2 Exposure controls	
Instantly remove any solied and impregnated gamments. Wash hands during breaks and at the end of the work. Mantain an ergonomically appropriate working environment. Use breaks and at the end of the work. Maintain an ergonomically appropriate working environment. Use breaks and at the end of the work. Maintain an ergonomically appropriate working environment. Use breaks and at the end of the work. Maintain an ergonomically appropriate working environment. Use breaks from manufacturer to each use for their proper condition. Aterial of gloves aterial by protection: Safety glasses Safety gl	Personal protective equipment General protective and hygienic measures	The usual precautionary measures should be adhered to in handling the chemicals.
Wash hands during breaks and at the end of the work. Maintain an ergonomically appropriate working environment. Use breathing protection with high concentrations. Trotection of hands: Check protective gives prior to each use for their proper condition. The selection of the suitable gloves does not only depend on the material, but also on further marks of qual and varies from manufacturer to manufacturer. Penetration time of glove material Set y glasses Body protection: SECTION 9: Physical and chemical properties SECTION 9: Physical and chemical properties Set y contention: SECTION 9: Physical and chemical properties Section: Protective work clothing. SECTION 9: Physical and chemical properties Section: Not determined. H-value: Not determined. H-value: Not determined Sublimation temperature: Not determined Sublimation temperature: Not determined. Section: Section: Not determined. Section: Not determined. Section: Section: Not determined. Section: Section: Not determined. Section: Not determined. Not determined. Not determined. Not determi		Keep away from foodstuffs, beverages and food.
Section and the section of the suitable gloves prior to each use for their proper condition. The selection of the suitable gloves of their proper condition. The selection of the suitable gloves of their proper condition. The selection of the suitable gloves does not only depend on the material, but also on further marks of qual and varies from manufacturer to manufacturer. Intervious gloves the protection: Section:		Wash hands during breaks and at the end of the work.
Protection of hands: Check protective gloves prior to each use for their proper condition. The selection of the suitable gloves does not only depend on the material, but also on further marks of qual and varies from manufacturer to manufacturer. Impervious gloves does not only depend on the material, but also on further marks of qual and varies from manufacturer to manufacturer. Impervious gloves does not only depend on the material, but also on further marks of qual and varies from manufacturer to manufacturer. Impervious gloves does not only depend on the material, but also on further marks of qual and varies from manufacturer to manufacturer. Impervious gloves does not only depend on the material, but also on further marks of qual and varies from manufacturer. Versions does not only depend on the material, but also on further marks of qual and varies from manufacturer. Impervious gloves does not only depend on the material, but also on further marks of qual and varies from manufacturer. Impervious gloves does not only depend on the material, but also on further marks of qual and varies from manufacturer. Impervious gloves does not only depend on the material, but also on further marks of qual and varies from manufacturer. Impervious gloves does not only depend on the material, but also on further marks of qual and varies from manufacturer. Impervious gloves does not only depend on the material, but also on further marks of qual and varies from manufacturer. Impervious gloves does not only depend on the material, but also on further marks of qual and varies from manufacturer. Impervises does not only depend on the material, but also on further marks of qual and varies from manufacturer. The determined is protective work clothing. The selection of the choren determined does determined does the only depend on the material protective work clothing. The selection of the material protective work clothing. The selection of the determined does determined does determined does determined does determined does determine	Breathing equipment:	Use breathing protection with high concentrations.
Impervious gloves impervious g	Protection of hands:	Check protective gloves prior to each use for their proper condition.
Penetration time of glove material Noi determined Sady protection: Protective work clothing. SECTION 9: Physical and chemical properties Protective work clothing. SECTION 9: Physical and chemical properties Second and the second and the secon	Astorial of glovos	and varies from manufacturer to manufacturer.
Body protection: Protective work clothing. SECTION 9: Physical and chemical properties Seneral Information on basic physical and chemical properties Seneral Information Appearance: Form: Powder Colour: Red-brown Smell: Not determined Odour threshold: Not determined Odour threshold: Not determined Data policible Change in condition Melting point/Melting range: Not determined Sublimation temperature / start: Not determined Sublimation temperature: Not determined Darge of explosion: <td< td=""><td>Penetration time of glove material</td><td>Not determined</td></td<>	Penetration time of glove material	Not determined
SECTION 9: Physical and chemical properties SECTION 9: Physical and chemical properties Seneral Information Appearance: Form: Ford: Form: Form: Form: Form: Form: Form: Form: Form: Form:		
1.1 Information on basic physical and chemical properties Seneral Information Seneral Information Spearance: Form: Powder Colour: Red-brown Smell: Not determined. Johur threshold: Not determined. H-value: Not applicable. Change in condition		
Appearance: Powder Form: Red-brown Smell: Not determined Joburt threshold: Not determined Joburt threshold: Not determined Joburt threshold: Not applicable. Change in condition Metting point/Melting range: Metting point/Melting range: Not determined Boiling point/Melting range: Not determined Bublimation temperature / start: Not determined Sublimation temperature / start: Not determined Inflammability (solid, gaseous) Not determined Sublimation temperature: Not determined Secomposition temperature: Not determined Danger of explosion: Not determined Darger of explosion: Not determined Lower: Not determined Upper: Not determined Steam pressure: Not determined Applicable. Not determined Steam pressure: Not determined Vapour density Not determined. Solubility in / Miscibility with Not determined.	0.1 Information on basic physical and chemi	
Colour: Red-brown Smell: Not determined. Odour threshold: Not determined. DH-value: Not applicable. Change in condition The second	Appearance:	
Smell: Not determined Odour threshold: Not determined. Odvertscheider Not applicable. Change in condition Melting point/Melting range: Melting point/Boiling range: Not determined Sublimation temperature / start: Not determined Sublimation temperature / start: Not determined Inflammability (solid, gaseous) Not determined Sublimation temperature: Not determined Secomposition temperature: Not determined Self-inflammability: Not determined Oanger of explosion: Not determined Critical values for explosion: Not determined Upper: Not determined Upper: Not determined Steam pressure: Not determined Vapour density Not applicable. Vapour density Not applicable. Vapour density Not applicable.	Form:	
H-value: Not applicable. Change in condition Melting point/Melting range: Not determined Boiling point/Boiling range: Not determined Sublimation temperature / start: Not determined Inflammability (solid, gaseous) Not determined gnition temperature: Not determined Decomposition temperature: Not determined Danger of explosion: Not determined Upper: Not determined Lower: Not determined Upper: Not determined Steam pressure: Not applicable. Pensity Not determined Vapour density Not applicable. Solubility in / Miscibility with Soluble Vapour density Not applicable. Soluble Soluble Partition coefficient (n-octanol/water): Not determined. /iscosity: <t< td=""><td>Smell:</td><td>Not determined</td></t<>	Smell:	Not determined
Change in condition Melting point/Melting range: Not determined Boiling point/Boiling range: Not determined Sublimation temperature / start: Not determined Inflammability (solid, gaseous) Not determined Decomposition temperature: Not determined Decomposition temperature: Not determined Decomposition temperature: Not determined Decomposition temperature: Not determined Danger of explosion: Not determined Lower: Not determined Upper: Not determined Steam pressure: Not determined Vapour density Not applicable. Solubility in / Miscibility with Water: Water: Soluble Partition coefficient (n-octanol/water): Not determined. /iscosity: Not applicable. Manamic: Not applicable.		
Melting point/Melting range: Not determined Boiling point/Boiling range: Not determined Sublimation temperature / start: Not determined Imamability (solid, gaseous) Not determined gnition temperature: Not determined Decomposition temperature: Not determined Danger of explosion: Not determined Lower: Not determined Upper: Not determined Density Not determined Selative density Not determined Vapour density Not determined Vapour density Not determined Soluble Soluble Vapour density Not applicable. Vapour density Not applicable. Soluble Soluble Partition coefficient (n-octanol/water): Not applicable.	Change in condition	
Sublimation temperature / start: Not determined Inflammability (solid, gaseous) Not determined. Inflammability (solid, gaseous) Not determined. Decomposition temperature: Not determined. Decomposition temperature: Not determined. Danger of explosion: Not determined. Critical values for explosion: Not determined. Lower: Not determined. Upper: Not determined. Steam pressure: Not determined. Density Not determined. Vapour density Not applicable. Soluble Soluble Partition coefficient (n-octanol/water): Not applicable. Viscosity: Not applicable. dynamic: Not applicable. Not applicable. Not applicable.	Melting point/Melting range:	
gnition temperature: Not determined Decomposition temperature: Not determined Decomposition temperature: Not determined Danger of explosion: Not determined. Critical values for explosion: Not determined. Lower: Not determined Upper: Not determined Steam pressure: Not determined Density Not determined Relative density Not determined. Vapour density Not applicable. Vapour density Not applicable. Vapour density Not applicable. Vapour density Not applicable. Vater: Soluble Partition coefficient (n-octanol/water): Not determined. /iscosity: Mot applicable. dynamic: Not applicable. Kinematic: Not applicable.	Sublimation temperature / start:	Not determined
Decomposition temperature: Not determined Danger of explosion: Not determined. Danger of explosion: Not determined. Critical values for explosion: Not determined. Lower: Not determined Upper: Not determined Belative density Not determined. Vapour density Not determined. Vapour density Not determined. Vapour density Not applicable. Vapour density Not determined. Vapour density Not determined. Vapour density Not applicable. Vapour density Not determined.	nflammability (solid, gaseous) gnition temperature:	
Danger of explosion: Not determined. Critical values for explosion: Not determined Lower: Not determined Upper: Not determined Steam pressure: Not applicable. Density Not determined. Zapour density Not determined. Vapour density Not applicable. Vaporation rate Not applicable. Vaporation rate Not applicable. Vaporation coefficient (n-octanol/water): Not determined. Viscosity: Vot applicable. dynamic: Not applicable. Kinematic: Not applicable.	Decomposition temperature:	Not determined
Critical values for explosion: Lower: Not determined Upper: Not determined Steam pressure: Not applicable. Density Not determined. Apour density Not determined. Apour density Not applicable. Evaporation rate Not applicable. Evaporation rate Not applicable. Partition coefficient (n-octanol/water): Not determined. /iscosity: dynamic: Not applicable. Not applicable. Not applicable. Not applicable. Not determined. Not applicable. Not determined. Not applicable. Not applicable. Not applicable. Not applicable. Not applicable.	-	
Upper: Not determined Steam pressure: Not applicable. Density Not determined Relative density Not determined. /apour density Not applicable. Support of the structure Not applicable. Vapour density Not applicable. Solubility in / Miscibility with Vot applicable. Water: Soluble Partition coefficient (n-octanol/water): Not determined. Viscosity: Vot applicable. dynamic: Not applicable. Kinematic: Not applicable.	Critical values for explosion:	
Density Not determined Relative density Not determined. Vapour density Not applicable. Evaporation rate Not applicable. Solubility in / Miscibility with Soluble Water: Soluble Partition coefficient (n-octanol/water): Not determined. Viscosity: Vot applicable. dynamic: Not applicable. Kinematic: Not applicable.	Upper:	Not determined
Relative density Not determined. Vapour density Not applicable. Evaporation rate Not applicable. Solubility in / Miscibility with Soluble Water: Soluble Partition coefficient (n-octanol/water): Not determined. Viscosity: Not applicable. dynamic: Not applicable. kinematic: Not applicable.		Not applicable. Not determined
Evaporation rate Not applicable. Solubility in / Miscibility with Soluble Water: Soluble Partition coefficient (n-octanol/water): Not determined. Viscosity: Not applicable. dynamic: Not applicable. Kinematic: Not applicable.	Relative density	Not determined.
Water: Soluble Partition coefficient (n-octanol/water): Not determined. /iscosity: Not applicable. dynamic: Not applicable. kinematic: Not applicable.	Evaporation ráte	Not applicable.
Partition coefficient (n-octanol/water): Not determined. /iscosity: dynamic: Not applicable. kinematic: Not applicable.	Water:	
dynamic: Not applicable. kinematic: Not applicable.	Partition coefficient (n-octanol/water):	
3.2 Other information No further relevant information available.	dynamic:	Not applicable.
		Not applicable. No further relevant information available.
	SECTION 10: Stability and reactivity	No information known

10.1 Reactivity

No information known.

(Contd. on page 3)

ade name <i>Erythrosin B</i>	Revision: 30.07.2
10.2 Chemical stability	(Contd. of page Stable under recommended storage conditions.
Thermal decomposition / conditions to be avoided:	No decomposition if used and stored according to specifications.
10.3 Possibility of hazardous reactions 10.5 Incompatible materials:	Reacts with strong oxidizing agents Water/moisture Oxidising agents
10.6 Hazardous decomposition products:	Light Carbon monoxide and carbon dioxide Hydrogen iodide (HI) Sodium oxide
SECTION 11: Toxicological information	
11.1 Information on toxicological effects Acute toxicity:	Harmful if swallowed.
LD/LC50 values that are relevant for classification:	No data
Skin irritation or corrosion: Eye irritation or corrosion:	May cause irritation May cause irritation
Sensitization: Germ cell mutagenicity:	No sensitizing effect known. No effects known.
Carcinogenicity:	No classification data on carcinogenic properties of this material is available from the EPA, IARC, NTP, OS
Reproductive toxicity:	or ACGIH. No effects known.
Specific target organ system toxicity - repeated exposure:	No effects known.
Specific target organ system toxicity - single exposure:	No effects known.
Aspiration hazard: Subacute to chronic toxicity:	No effects known. No effects known.
Additional toxicological information:	To the best of our knowledge the acute and chronic toxicity of this substance is not fully known.
SECTION 12: Ecological information	
12.1 Toxicity Aquatic toxicity:	No further relevant information available.
12.2 Persistence and degradability 12.3 Bioaccumulative potential	No further relevant information available. No further relevant information available.
12.4 Mobility in soil Additional ecological information:	No further relevant information available.
General notes:	Water hazard class 1 (Self-assessment): slightly hazardous for water. Do not allow undiluted product or large quantities of it to reach ground water, water bodies or sewage syste Avoid transfer into the environment.
12.5 Results of PBT and vPvB assessment PBT:	Not applicable.
vPvB: 12.6 Other adverse effects	Not applicable. No further relevant information available.
SECTION 13: Disposal considerations 13.1 Waste treatment methods Recommendation	Hand over to disposers of hazardous waste. Must be specially treated under adherence to official regulations. Consult state, local or national regulations for proper disposal.
Uncleaned packagings: Recommendation: Recommended cleaning agent:	Disposal must be made according to official regulations. Water, if necessary with cleaning agent.
SECTION 14: Transport information	
UN-Number	
ADR, ADN, IMDG, IATA	Not applicable
14.2 UN proper shipping name ADR, ADN, IMDG, IATA	Not applicable
14.3 Transport hazard class(es) ADR, ADN, IMDG, IATA	
Class	Not applicable
Packing group ADR, IMDG, IATA	Not applicable
14.5 Environmental hazards:	Not applicable.
14.6 Special precautions for user 14.7 Transport in bulk according to Annex II	Not applicable.
Code	Not applicable.
UN "Model Regulation":	-
SECTION 15: Regulatory information	
15.1 Safety, health and environmental regula Australian Inventory of Chemical	tions/legislation specific for the substance or mixture
Substances Standard for the Uniform Scheduling of	Substance is not listed.
Medicines and Poisons	Substance is not listed.
National regulations Information about limitation of use:	For use only by technically qualified individuals.
Water hazard class:	Employment restrictions concerning young persons must be observed. Water hazard class 1 (Self-assessment): slightly hazardous for water.
Other regulations, limitations and prohibitive	e regulations
ELINCS (European List of Notified Chemical Substances)	Substance is not listed.
Substance of Very High Concern (SVHC) according to the REACH Regulations (EC)	
No. 1907/2006. REACH - Pre-registered substances	Substance is not listed. Substance is not listed.
15.2 Chemical safety assessment:	A Chemical Safety Assessment has not been carried out.

Trade name *Erythrosin B*

-		
	(Contd. of page 3)	
SECTION 16: Other information Employers should use this information only as a supplement to other information gathered by them, and should make independent judgement of suitability of this information to ensure proper use and protect the health and safety of employees. This information is furnished without warranty, and any use of the product not in conformance with this Material Safety Data Sheet, or in combination with any other product or process, is the responsibility of the user.		
Department issuing SDS: Abbreviations and acronyms:	Health, Safety and Environmental Department. ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road) GHS: Globally Harmonized System of Classification and Labelling of Chemicals CAS: Chemical Abstracts Service (division of the American Chemical Society) LC50: Lethal dose, 50 percent US0: Lethal dose, 50 percent vPvB: very Persistent and very Bioaccumulative ACGIH: American Conference of Governmental Industrial Hygienists (USA) OSHA: Occupational Safety and Health Administration (USA) NTP: National Toxicology Program (USA) IARC: International Agency for Research on Cancer EPA: Environmental Protection Agency (USA) Acute Tox. 4: Acute toxicity, Hazard Category 4	