

# SAFETY DATA SHEET

## SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier Trade name or designat of the mixture	ion FLAW DETECTOR PENETRANT 2
Registration number	-
Synonyms	None.
Product code	UDS000722AE
Issue date	05-January-2023
Version number	1.0
Revision date	05-January-2023
1.2. Relevant identified	uses of the substance or mixture and uses advised against
Identified uses	Welding Products
Uses advised again	st None known.
1.3. Details of the suppl	ier of the safety data sheet
Company name	CRC Industries UK Ltd.
Address	Wylds Road
	Castlefield Industrial Estate
	TA6 4DD Bridgwater Somerset
	United Kingdom
Telephone	+44 1278 727200
Fax	+44 1278 425644
E-mail	hse.uk@crcind.com
Website	www.crcind.com
Company name	CRC Industries Europe bv
Address	Touwslagerstraat 1
	9240 Zele
	Belgium
Telephone	+32(0)52/45.60.11
Fax	+32(0)52/45.00.34
E-mail	hse@crcind.com
Website	www.crcind.com
4.4. Emergency talanka	Tel ((144)(0)1079 70 7000 (office bours) 0.17h CMT)

1.4. Emergency telephone number

Tel.:(+44)(0)1278 72 7200 (office hours: 9-17h GMT)

## **SECTION 2: Hazards identification**

## 2.1. Classification of the substance or mixture

The mixture has been assessed and/or tested for its physical, health and environmental hazards and the following classification applies.

## Classification according to Regulation (EC) No 1272/2008 as amended

Physical hazards		
Aerosols	Category 1	H222 - Extremely flammable
		aerosol.
		H229 - Pressurized container: May burst if heated.
Health hazards		
Serious eye damage/eye irritation	Category 2	H319 - Causes serious eye irritation.
Environmental hazards		
Hazardous to the aquatic environment, long-term aquatic hazard	Category 3	H412 - Harmful to aquatic life with long lasting effects.
2.2. Label elements		

## Label according to Regulation (EC) No. 1272/2008 as amended

Hazard pictograms



## Hazard statements

Signal word

H222	Extremely flammable aerosol. Pressurized container: May burst if heated.
H229 H319	Causes serious eye irritation.
H412	Harmful to aquatic life with long lasting effects.

#### Ρ ..

Precautionary statements	
Prevention	
P102 P210 P211 P251 P280	Keep out of reach of children. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not spray on an open flame or other ignition source. Do not pierce or burn, even after use. Wear eye protection/face protection.
Response	
P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Storage	
P410 + P412	Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.
Disposal	
P501	Dispose of contents/container in accordance with local/regional/national/international regulations.
Supplemental label information	EUH066 - Repeated exposure may cause skin dryness or cracking. EUH208 - Contains N-(2-Ethylhexyl)-1-[[3-methyl-4-[(3-methylphenyl)azo]phenyl]azo]naphthalen-2-amine. May produce an allergic reaction.
2.3. Other hazards	This mixture does not contain substances assessed to be vPvB / PBT according to Regulation (EC) No 1907/2006, Annex XIII. The mixture does not contain any substances included in the list established in accordance with REACH Article 59(1) for having endocrine disrupting properties at a concentration equal to or greater than 0.1% by weight.

## **SECTION 3: Composition/information on ingredients**

3.2. Mixtures

## **General information**

Chemical name	%	CAS-No. / EC No.	<b>REACH Registration No.</b>	Index No.	Notes
Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, < 2% aromatics	25 - 50	- 926-141-6	01-2119456620-43	-	
Classification:	Asp. Tox.	1;H304			
Hydrocarbons, C10, aromatics, <1% naftalene	1 - 5	- 918-811-1	01-2119463583-34	-	
Classification:	STOT SE	3;H336, Asp. Tox. 1;I	H304, Aquatic Chronic 2;H41	1	
2-decoxyethanol	<3	26183-52-8 500-046-6	-	-	
Classification:	Acute Tox	. 4;H302, Eye Dam. 1	;H318		
Glycine, N-methyl-N-(1-oxo-9-octadecenyl)-, (Z)-	<1	110-25-8 203-749-3	01-2119488991-20	-	
	Acute Tox 1;H400	. 4;H332, Skin Irrit. 2;	H315, Eye Dam. 1;H318, Aq	uatic Acute	
N-(2-Ethylhexyl)-1-[[3-methyl-4-[(3-me thylphenyl)azo]phenyl]azo]naphthalen -2-amine	<1	56358-10-2 260-125-3	01-2120767269-40	-	
Classification:	Skin Irrit. 2	2;H315, Skin Sens. 1;	H317, Aquatic Chronic 4;H4	13	

### List of abbreviations and symbols that may be used above

ATE: Acute toxicity estimate.

M: M-factor

vPvB: very persistent and very bioaccumulative substance.

PBT: persistent, bioaccumulative and toxic substance.

#: This substance has been assigned Union workplace exposure limit(s).

All concentrations are in percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

**Composition comments** 

The full text for all H-statements is displayed in section 16.

## **SECTION 4: First aid measures**

General information	Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

4.1. Description of first aid measures

Inhalation	Move to fresh air. Call a physician if symptoms develop or persist.
Skin contact	Wash off with soap and water. Get medical attention if irritation develops and persists.
Eye contact	Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
Ingestion	In the unlikely event of swallowing contact a physician or poison control centre. Rinse mouth.
4.2. Most important symptoms and effects, both acute and delayed	Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision.
4.3. Indication of any	Provide general supportive measures and treat symptomatically. Keep victim under observation.

4.3. immediate medical attention and special treatment needed Symptoms may be delayed.

## **SECTION 5: Firefighting measures**

General fire hazards	Extremely flammable aerosol.
5.1. Extinguishing media	
Suitable extinguishing media	Water fog. Foam. Dry chemical powder. Carbon dioxide (CO2).
Unsuitable extinguishing media	Do not use water jet as an extinguisher, as this will spread the fire.
5.2. Special hazards arising from the substance or mixture	Contents under pressure. Pressurised container may explode when exposed to heat or flame. During fire, gases hazardous to health may be formed.
5.3. Advice for firefighters	
Special protective equipment for firefighters	Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA.
Special fire fighting procedures	Move containers from fire area if you can do so without risk. Containers should be cooled with water to prevent vapour pressure build up. For massive fire in cargo area, use unmanned hose holder or monitor nozzles, if possible. If not, withdraw and let fire burn out.
Specific methods	Use standard firefighting procedures and consider the hazards of other involved materials. In the event of fire and/or explosion do not breathe fumes.

## **SECTION 6: Accidental release measures**

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6.1. Personal precautions, protect	ctive equipment and emergency procedures
For non-emergency personnel	Do not touch damaged containers or spilled material unless wearing appropriate protective clothing.
For emergency responders	Keep unnecessary personnel away. Ventilate closed spaces before entering them. Local authorities should be advised if significant spillages cannot be contained. Use personal protection recommended in Section 8 of the SDS.
6.2. Environmental precautions	Avoid release to the environment. Inform appropriate managerial or supervisory personnel of all environmental releases. Prevent further leakage or spillage if safe to do so. Avoid discharge into drains, water courses or onto the ground.
6.3. Methods and material for containment and cleaning up	Stop leak if you can do so without risk. Move the cylinder to a safe and open area if the leak is irreparable. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil etc) away from spilled material. The product is immiscible with water and will spread on the water surface. Prevent product from entering drains. Absorb in vermiculite, dry sand or earth and place into containers. Following product recovery, flush area with water.
	Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.
6.4. Reference to other sections	For personal protection, see section 8 of the SDS. For waste disposal, see section 13 of the SDS.

## **SECTION 7: Handling and storage**

7.1. Precautions for safe handling	Pressurised container: Do not pierce or burn, even after use. Do not use if spray button is missing or defective. Do not spray on a naked flame or any other incandescent material. Do not smoke while using or until sprayed surface is thoroughly dry. Do not cut, weld, solder, drill, grind, or expose containers to heat, flame, sparks, or other sources of ignition. All equipment used when handling the product must be grounded. Do not re-use empty containers. Avoid contact with eyes. Avoid prolonged exposure. Use only in well-ventilated areas. Wear appropriate personal protective equipment. Avoid release to the environment. Observe good industrial hygiene practices.
7.2. Conditions for safe storage, including any incompatibilities	Pressurized container. Protect from sunlight and do not expose to temperatures exceeding 50°C. Do not puncture, incinerate or crush. Do not handle or store near an open flame, heat or other sources of ignition. This material can accumulate static charge which may cause spark and become an ignition source. Store away from incompatible materials (see Section 10 of the SDS). Storage class (TRGS 510): 2B (Aerosol dispensers and lighters)
7.3. Specific end use(s)	Observe industrial sector guidance on best practices.

## **SECTION 8: Exposure controls/personal protection**

## 8.1. Control parameters

Occupational exposure limits	No exposure limits noted for ingredient(s).
Biological limit values	No biological exposure limits noted for the ingredient(s).
Recommended monitoring procedures	Follow standard monitoring procedures.

## Derived no effect levels (DNELs)

General population				
Components		Value	Assessment factor	Notes
2-[bis(2-hydroxyethyl)amino]e	thanol (CAS 102	-71-6)		
Long-term, Local, Inhalat		0.4 mg/m3	36	Repeated dose toxicity
Long-term, Systemic, De		2.66 mg/kg	100	Repeated dose toxicity
Hydrocarbons, C10, aromatic	s, <1% naftalene	· ,		
Long-term, Systemic, De		7.5 mg/kg bw/day		
Long-term, Systemic, Inh Long-term, Systemic, Ora		32 mg/m3 7.5 mg/kg bw/day		
Workers		7.0 mg/kg bw/day		
		Value	Assessment factor	Notes
Components 2-[bis(2-hydroxyethyl)amino]e	thanal (CAS 102		Assessment lactor	NOLES
Long-term, Local, Inhalat	•	1 mg/m3		Repeated dose toxicity
Long-term, Systemic, De		7.5 mg/kg	50	Repeated dose toxicity
Hydrocarbons, C10, aromatic				
Long-term, Systemic, De		12.5 mg/kg		
Long-term, Systemic, Inh		150 mg/m3		
edicted no effect concentration	ons (PNECs)			
Components		Value	Assessment factor	Notes
2-[bis(2-hydroxyethyl)amino]e	thanol (CAS 102	-71-6)		
Freshwater		0.32 mg/l	50	
Sediment (freshwater)		1.7 mg/kg		
Soil STP		0.151 mg/kg 10 mg/l	100	
		TO THY/I	100	
2. Exposure controls		untilation about the us	ad Mantilatian vatas abauld l	a matched to conditions. If
opropriate engineering ntrols	applicable, use maintain airbo	e process enclosures, lo ne levels below recom	ed. Ventilation rates should l ocal exhaust ventilation, or ot nended exposure limits. If ex o an acceptable level. Provic	her engineering controls to posure limits have not been
dividual protection measures,	•			
General information	Use personal protective equipment as required. Personal protection equipment should be chosen according to the CEN standards and in discussion with the supplier of the personal protective equipment.			
Eye/face protection	Use eye prote	tion conforming to EN	166. Wear safety glasses wit	h side shields (or goggles).
Skin protection				
- Hand protection	When handling the product wear chemical-resistant gloves (standard EN 374). The breakthrough time of the glove should be longer than the total duration of product use. If work lasts longer than the breakthrough time, gloves should be changed part-way through. Nitrile gloves are recommended.			
- Other	Not available.			

Respiratory protection	In case of insufficient ventilation, wear suitable respiratory equipment. Chemical respirator with organic vapour cartridge. (Filter type A)
Thermal hazards	Wear appropriate thermal protective clothing, when necessary.
Hygiene measures	When using do not smoke. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.
Environmental exposure controls	Inform appropriate managerial or supervisory personnel of all environmental releases. Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. Fume scrubbers, filters or engineering modifications to the process equipment may be necessary to reduce emissions to acceptable levels.

## **SECTION 9: Physical and chemical properties**

### 9.1. Information on basic physical and chemical properties

#### Appearance Liquid. **Physical state** Aerosol. Form Colour Red. Solvent. Odour **Odour threshold** Not available. Not applicable. pН Melting point/freezing point Not available. Initial boiling point and boiling Not available. range > 62.0 °C (> 143.6 °F) Flash point Not available. **Evaporation rate** Not available. Flammability (solid, gas) Upper/lower flammability or explosive limits Explosive limit - lower (%) Not available. Explosive limit - upper Not available. (%) Not available. Vapour pressure Not available. Vapour density 0.87 g/cm3 at 20°C **Relative density** Solubility(ies) Solubility (water) Insoluble in water **Partition coefficient** Not applicable. (n-octanol/water) > 200 °C (> 392 °F) Auto-ignition temperature **Decomposition temperature** Not available. Not available. Viscosity **Explosive properties** Not explosive. Not oxidising. **Oxidising properties** 9.2. Other information Aerosol spray enclosed space **Deflagration density** Not available. Not available. Aerosol spray ignition distance

#### voc 590 g/l **SECTION 10: Stability and reactivity**

Heat of combustion

10.1. Reactivity	The product is stable and non-reactive under normal conditions of use, storage and transport.
10.2. Chemical stability	Material is stable under normal conditions.
10.3. Possibility of hazardous reactions	No dangerous reaction known under conditions of normal use.
10.4. Conditions to avoid	Avoid high temperatures.
10.5. Incompatible materials	Strong oxidising agents.

Not available.

## **SECTION 11: Toxicological information**

General information	Occupational exposure to the substance or mixture may cause adverse effects.		
Information on likely routes of exposure			
Inhalation	May cause allergy or asthma symptoms or breathing difficulties if inhaled. Prolonged inhalation may be harmful.		
Skin contact	May cause an allergic skin reaction.		
Eye contact	Causes serious eye irritation.		
Ingestion	May cause discomfort if swallowed. However, ingestion is not likely to be a primary route of occupational exposure.		
Symptoms	Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision.		

## 11.1. Information on toxicological effects

Acute toxicity	Based on available data, the classification criteria are not met.			
Product	Species	Test Results		
FLAW DETECTOR PENETRANT	2			
Acute				
Oral				
ATEmix		25773.2 mg/kg bw		
Components	Species	Test Results		
Hydrocarbons, C10, aromatics, <	1% naftalene			
<u>Acute</u>				
Dermal				
LD50	Rabbit	> 2000 mg/kg		
Inhalation				
LC50	Rat	4688 mg/m3		
Oral				
LD50	Rat	> 5000 mg/kg		
Hydrocarbons, C11-C14, n-alkane	es, isoalkanes, cyclics, < 2% aromatics			
Acute				
Dermal				
LD50	Rabbit	> 5000 mg/kg		
Inhalation				
LC50	Rat	> 5000 mg/m3, 8 h		
Oral				
LD50	Rat	> 5000 mg/kg		
Skin corrosion/irritation	Based on available data, the classification criteria are not met.			
Serious eye damage/eye irritation	Causes serious eye irritation.			
Respiratory sensitisation	Based on available data, the classification c	riteria are not met.		
Skin sensitisation	Based on available data, the classification c	Based on available data, the classification criteria are not met.		
Germ cell mutagenicity	Based on available data, the classification criteria are not met.			
Carcinogenicity	Based on available data, the classification criteria are not met.			
Reproductive toxicity	Based on available data, the classification criteria are not met.			
Specific target organ toxicity - single exposure	Based on available data, the classification criteria are not met.			
Specific target organ toxicity - repeated exposure	Based on available data, the classification criteria are not met.			
Aspiration hazard	Not likely, due to the form of the product.			
Mixture versus substance information	Not available.			
Other information	May cause allergic respiratory and skin reac	tions.		

## **SECTION 12: Ecological information**

12.1. Toxicity	Harmful to	Harmful to aquatic life with long lasting effects.		
Components		Species	Test Results	
Hydrocarbons, C10, aromati	cs, <1% naftalene	,		
Aquatic				
Acute				
Algae	EC50	Algae	> 10 mg/l	
Crustacea	EC50	Daphnia	>= 3 - <= 10 mg/l	
Fish	LC50	Fish	>= 2 - <= 5 mg/l	
Hydrocarbons, C11-C14, n-a	alkanes, isoalkane	s, cyclics, < 2% aromatics		
Aquatic				
Acute				
Crustacea	EC50	Daphnia	1000 mg/l, 48 h	
Fish	LC50	Oncorhynchus mykiss	1000 mg/l, 96 h	
12.2. Persistence and degradability	No data is	available on the degradability of any	/ ingredients in the mixture.	
12.3. Bioaccumulative pote	ential			
Partition coefficient n-octanol/water (log Kow) Hydrocarbons, C10, aro	matics, <1% nafta	alene > 4		
Bioconcentration factor (B	CF) Not availa	ble.		
12.4. Mobility in soil	No data a	No data available.		
12.5. Results of PBT and v assessment		This mixture does not contain substances assessed to be vPvB / PBT according to Regulation (EC) No 1907/2006, Annex XIII.		
12.6. Other adverse effects	The produ potential. GWP: 2			

## **SECTION 13: Disposal considerations**

13.1. Waste treatment methods	
Residual waste	Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).
Contaminated packaging	Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal. Do not re-use empty containers.
EU waste code	The Waste code should be assigned in discussion between the user, the producer and the waste disposal company.
Disposal methods/information	Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Contents under pressure. Do not puncture, incinerate or crush. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of contents/container in accordance with local/regional/national/international regulations.
Special precautions	Dispose in accordance with all applicable regulations.

## **SECTION 14: Transport information**

## ADR

14.1. UN number	UN1950		
14.2. UN proper shipping	AEROSOLS, flammable		
name			
14.3. Transport hazard class(es)			
Class	2.1		
Subsidiary risk	-		
Label(s)	2.1		
Hazard No. (ADR)	Not assigned.		
Tunnel restriction code	D		
ADR/RID - Classification	5F		
code:			
14.4. Packing group	Not assigned.		
14.5. Environmental hazards	No		

14.6. Special precautions Read safety instructions, SDS and emergency procedures before handling. for user RID UN1950 14.1. UN number AEROSOLS, flammable 14.2. UN proper shipping name 14.3. Transport hazard class(es) Class 2.1 Subsidiary risk Label(s) 2.1 Not assigned. 14.4. Packing group 14.5. Environmental hazards No 14.6. Special precautions Read safety instructions, SDS and emergency procedures before handling. for user ADN 14.1. UN number UN1950 AEROSOLS, flammable 14.2. UN proper shipping name 14.3. Transport hazard class(es) Class 2.1 Subsidiary risk Label(s) 2.1 Not assigned. 14.4. Packing group 14.5. Environmental hazards No Read safety instructions, SDS and emergency procedures before handling. 14.6. Special precautions for user ΙΑΤΑ UN1950 14.1. UN number 14.2. UN proper shipping Aerosols, flammable name 14.3. Transport hazard class(es) Class 2.1 Subsidiary risk 14.4. Packing group Not assigned. 14.5. Environmental hazards No ERG Code 101 14.6. Special precautions Read safety instructions, SDS and emergency procedures before handling. for user Other information Allowed with restrictions. Passenger and cargo aircraft Cargo aircraft only Allowed with restrictions. IMDG UN1950 14.1. UN number 14.2. UN proper shipping Aerosols, flammable name 14.3. Transport hazard class(es) Class 2.1 Subsidiary risk 14.4. Packing group Not assigned. 14.5. Environmental hazards Marine pollutant No F-D. S-U EmS 14.6. Special precautions Read safety instructions, SDS and emergency procedures before handling. for user 14.7. Transport in bulk Not established. according to Annex II of MARPOL 73/78 and the IBC Code



## **SECTION 15: Regulatory information**

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

## **Retained direct EU regulations**

Regulation (EC) No. 1005/2009 on substances that deplete the ozone layer, Annex I and II, as amended Not listed.

- Regulation (EU) 2019/1021 On persistent organic pollutants (recast), as amended Not listed
- Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 1 as amended Not listed.

Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 2 as amended Not listed.

- Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 3 as amended Not listed.
- Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex V as amended Not listed.
- Regulation (EC) No. 166/2006 Annex II Pollutant Release and Transfer Registry, as amended Not listed.
- Regulation (EC) No. 1907/2006, REACH Article 59(10) Candidate List as currently published by ECHA Not listed.

### Authorisations

Regulation (EC) No. 1907/2006, REACH Annex XIV Substances subject to authorization, as amended Not listed.

### **Restrictions on use**

Regulation (EC) No. 1907/2006, REACH Annex XVII Substances subject to restriction on marketing and use as amended Not listed.

## Other EU regulations

### Directive 2012/18/EU on major accident hazards involving dangerous substances, as amended

Not listed.

### Other regulations

This product is classified and labelled in accordance with the retained CLP Regulation (EC) No 1272/2008, as amended for Great Britain. This Safety Data Sheet is compiled in accordance with REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758.

Follow national regulation for work with chemical agents in accordance with Directive 98/24/EC, as amended.

15.2. Chemical safety

No Chemical Safety Assessment has been carried out.

### assessment

## **SECTION 16: Other information**

### List of abbreviations

ADN: European Agreement Concerning the International Carriage of Dangerous Goods by Inland Waterways.
ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.
ADR: European Agreement Concerning the International Carriage of Dangerous Goods by Road.
AGW: Occupational threshold limit value (Arbeitsplatzgrenzwert – Germany).
ATE: Acute Toxicity Estimate according to REGULATION (EC) No 1272/2008 (CLP).
CAS: Chemical Abstract Service.
Ceiling: Short Term Exposure Limit Ceiling value.
CEN: European Committee for Standardization.
CLP: Classification, Labeling and Packaging REGULATION (EC) No 1272/2008 on classification, labeling and packaging of substances and mixtures.
GWP: Global Warming Potential.
IATA: International Air Transport Association.

IBC Code: International Code for the Construction and Equipment of Ships Carrying Dangerous Chemicals in Bulk. IMDG: International Maritime Dangerous Goods. MAC: Maximum Allowed Concentration. MAK: Threshold limit values Germany (Maximale Arbeitsplatzkonzentration - DFG). MARPOL: International Convention for the Prevention of Pollution from Ships. PBT: Persistent, bioaccumulative and toxic. REACH: Registration, Evaluation and Authorization of Chemicals (REGULATION (EC) No 1907/2006 concerning Registration, Evaluation Authorization and Restriction of Chemicals). RID: Regulations concerning the international carriage of dangerous goods by rail (Règlement International concernant le transport de marchandises dangereuses par chemin de fer). RID: Regulations concerning the International Carriage of Dangerous Goods by Rail. STEL: Short term exposure limit. TLV: Threshold Limit Value. TWA: Time Weighted Average. VLE: Exposure Limit Value. VME: Exposure Average Value. VOC: Volatile organic compounds. vPvB: Very persistent and very bioaccumulative. STEL: Short-term Exposure Limit. References Not available. The classification for health and environmental hazards is derived by a combination of calculation Information on evaluation methods and test data, if available. method leading to the classification of mixture Full text of any statements, which are not written out in full under sections 2 to 15 H302 Harmful if swallowed. H304 May be fatal if swallowed and enters airways. H315 Causes skin irritation. H317 May cause an allergic skin reaction. H318 Causes serious eye damage. H332 Harmful if inhaled. H336 May cause drowsiness or dizziness. H400 Verv toxic to aquatic life. H411 Toxic to aquatic life with long lasting effects. H413 May cause long lasting harmful effects to aquatic life. EUH066 Repeated exposure may cause skin dryness or cracking. **Revision information** None. **Training information** Follow training instructions when handling this material. CRC Industries Europe UK Limited cannot anticipate all conditions under which this information Disclaimer and its product, or the products of other manufacturers in combination with its product, may be used. It is the user's responsibility to ensure safe conditions for handling, storage and disposal of the product, and to assume liability for loss, injury, damage or expense due to improper use. The information in the sheet was written based on the best knowledge and experience currently available. Apart from any fair dealing for purposes of study, research and review of health, safety and environmental risks, no part of these documents may be reproduced by any process without written permission from CRC. The products are governed by Regulation (EC) No 1272/2008 on the classification, labelling and packaging of substances and mixtures (CLP); Regulation (EC) No 1907/2006 on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

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