

# SAFETY DATA SHEET



## EAF Extraction Filter Dust

Date of issue: 27<sup>th</sup> February 2023  
Date of First Issue: 6<sup>th</sup> July 2021  
Version 3.0

ACCORDING TO EC-REGULATIONS 1907/2006 (REACH), 1272/2008 (CLP) & 2020/878

This material is defined as a "waste" and is therefore exempt from CLP 1272/2008 and SDS regulation 2020/878. An SDS has been provided for supply chain communication purposes and handling / storage recommendations only.

### 1. SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

#### 1.1 Product Identifier

Product Name	EAF Extraction Filter Dust
Trade Names	Electric Arc Furnace dust
Product Code	Not applicable
Unique Formula Identifier (UFI)	Not applicable
Nanoform	Not applicable

#### 1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified use(s)	A secondary residue product produced by the melting and refining of iron and steel scrap along with additions in an electric arc furnace. Used as a raw material for recovery of metals.
Uses advised against	Anything other than the above.

#### 1.3 Details of the supplier of the safety data sheet Company Identification

Telephone	+44 (0) 114 2882361
E-mail (competent person)	contactus@specialityuk.com

Speciality Steel UK Ltd T/A Liberty Speciality Steels  
7 Fox Valley Way  
Stocksbridge, Sheffield,  
S36 2JA

#### 1.4 Emergency Telephone Number

Emergency Phone No.	+44 (0)1709 826 500
Language(s) spoken:	English

### 2. SECTION 2: HAZARDS IDENTIFICATION

#### 2.1 Classification of the substance or mixture Regulation (EC) No. 1272/2008 (CLP)

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Skin Irrit. 2; H315  
Eye Dam. 1; H318  
Carc. 2; H351  
Repr. 1; H360Df  
Lact.; H362  
Aquatic Chronic 2; H411  
According to Regulation (EC) No. 1272/2008 (CLP)  
EAF Extraction Filter Dust  
Calcium oxide  
Lead oxide  
Nickel

#### 2.2 Label elements

Product name	EAF Extraction Filter Dust
Contains:	Calcium oxide Lead oxide Nickel

Hazard Pictogram(s)



Signal Word(s)

DANGER

Hazard Statement(s)

H315: Causes skin irritation.

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Precautionary Statement(s)	H318: Causes serious eye damage. H351: Suspected of causing cancer. H360FD: May damage fertility. May damage the unborn child. H362: May cause harm to breast-fed children. H411: Toxic to aquatic life with long lasting effects.  P201: Obtain special instructions before use. P280: Wear protective gloves/protective clothing/eye protection/face protection. P302+P352: IF ON SKIN: Wash with plenty of water. P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P308+P313: IF exposed or concerned: Get medical advice/attention. P310: Immediately call a POISON CENTER/doctor.
Supplemental information	Not applicable
2.3 Other hazards	None known

### 3. SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

#### 3.2 Mixtures

EC Classification Regulation (EC) No. 1272/2008 (CLP)

Chemical identity of the substance	%W/W	CAS No.	EC No.	REACH Registration No.	Hazard classification
Zinc oxide	10 - 40	1314-13-2	215-222-5	Not yet assigned in the supply chain	Aquatic Acute 1; H400 Aquatic Chronic 1; H410
Calcium oxide	3 - 10	1305-78-8	215-138-9	Not yet assigned in the supply chain	Skin Irrit. 2; H315 Eye Dam. 1; H318 STOT SE 3; H335
Manganese oxide	2 - 6	630-08-0	211-128-3	Not yet assigned in the supply chain	Acute Tox. 4; H302 Acute Tox. 4; H332 STOT RE 2; H373
Lead oxide*	1 - 5	1317-36-8	215-267-0	Not yet assigned in the supply chain	Acute Tox. 4; H302 Acute Tox. 4; H332 Carc. 2; H351 Repr. 1; H360Df Lact.; H362 STOT RE 2; H373 Aquatic Acute 1; H400 Aquatic Chronic 1; H410
Nickel	< 1	7440-02-0	231-111-4	Not yet assigned in the supply chain	Skin Sens. 1; H317 Carc. 2; H351 STOT RE 1; H372 Aquatic Chronic 3; H412

Note: For full text of H phrases see section 16.

### 4. SECTION 4: FIRST AID MEASURES



#### 4.1 Description of first aid measures

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### Self-protection of the first aider

Avoid all contact. Do not breathe dust. If it is suspected that fumes are still present, the responder should wear an appropriate mask or self-contained breathing apparatus. Do not use mouth-to-mouth resuscitation. No action should be taken involving personal risk. Wear appropriate personal protective equipment, avoid direct contact. Avoid exposure during pregnancy.

### Inhalation

IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband. Apply artificial respiration only if patient is not breathing but do not use mouth to mouth resuscitation. Get medical advice/attention if you feel unwell.

### Skin contact

IF ON SKIN (or hair): Remove contaminated clothing immediately and wash affected skin with plenty of water or soap and water. If irritation persists, get medical attention.

### Eye contact

IF IN EYES: Hold eyelids apart and flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention. Immediately call a POISON CENTER/doctor.

### Ingestion

IF SWALLOWED: rinse mouth. Do NOT induce vomiting. If unconscious, place in recovery position and get medical attention immediately. Wash out mouth with water and give small quantities of water to drink. Do not give anything by mouth to an unconscious person. Get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband. Do not wait for symptoms to appear.

### 4.2 Most important symptoms and effects, both acute and delayed

Causes skin irritation. Causes serious eye damage. Suspected of causing cancer. May damage fertility. May damage the unborn child. May cause harm to breast-fed children.

### 4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

Notes to a physician: IF IN EYES: Treatment by an ophthalmologist due to possible caustic burn of the eyes may be required.

## 5. SECTION 5: FIREFIGHTING MEASURES

### 5.1 Extinguishing media

Suitable extinguishing media

As appropriate for surrounding fire. Material is non-flammable

Unsuitable extinguishing media

None

### 5.2 Special hazards arising from the substance or mixture

None

### 5.3 Advice for firefighters

None

## 6. SECTION 6: ACCIDENTAL RELEASE MEASURES

### 6.1 Personal precautions, protective equipment and emergency procedures

General measures applicable to all activities

Caution - spillages may be slippery. Ensure operatives are trained to minimise exposures. Ensure suitable personal protection during removal of spillages. Do not breathe dust. Ensure adequate ventilation. Do not ingest. If swallowed then seek immediate medical assistance. Avoid exposure during pregnancy.

### 6.2 Environmental precautions

Do not allow run-off from fire fighting to enter drains or water courses. Use appropriate containment. Ensure all waste water is collected and treated via a waste water treatment plant. Avoid release to the environment.

### 6.3 Methods and material for containment and cleaning up

Avoid generation of dust. Use appropriate container to avoid environmental contamination. Dispose of contents in accordance with local, state or national legislation.

### 6.4 Reference to other sections

See Section: 8, 13

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### 7. SECTION 7: HANDLING AND STORAGE

- 7.1 Precautions for safe handling**  
Hygiene Measures  
Avoid contact with skin, eyes or clothing. Use personal protective equipment as required. Remove contaminated clothing and wash clothing before reuse. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling. Take care for general good hygiene and housekeeping.
- 7.2 Conditions for safe storage, including any incompatibilities**  
Storage temperature  
Incompatible materials  
Where possible keep material in moist state to minimise dust generation during handling and storage. Ambient temperatures. Keep away from: Acids and bases.
- 7.3 Specific end use(s)**  
See Section: 1.2.

### 8. SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

- 8.1 Control parameters**  
**8.1.1 Occupational exposure limits**  
The UK HSE (EH40) recommends the following limits for dusts: 10 mg/m<sup>3</sup> (8hr TWA) total inhalable dust; 4 mg/m<sup>3</sup> (8hr TWA) total respirable dust.

SUBSTANCE	CAS No.	LTEL (8 hr TWA ppm)	LTEL (8 hr TWA mg/m <sup>3</sup> )	STEL (ppm)	STEL (mg/m <sup>3</sup> )	Note
Calcium oxide	1305-78-8	-	-	-	-	UK WEL
		-	-	-	-	IOELV Respirable Aerosol
Manganese	7439-96-5	-	10	-	-	UK WEL
		-	4	-	-	Inhalable Aerosol Respirable Aerosol
Lead	7439-92-1	-	0.15	-	-	UK WEL
Inorganic lead and its compounds	-	-	0.15	0.15	0.15	UK WEL
Nickel	7440-02-0	-	0.5	-	-	UK WEL

Source: UK WEL: Workplace Exposure Limit (UK HSE EH40); IOELV: Indicative Occupational Exposure Limit Value

#### Note

Chemicals listed in Section 8 but not in Section 3 are not hazardous and do not impact the final mixture classification.

#### 8.1.2 Biological limit value

##### United Kingdom: The Control of Lead at Work Regulations SI 2002/2676

In accordance with SI 2002/2676: 2. (1) In these Regulations: "action level" means a blood-lead concentration of:  
(a) in respect of a woman of reproductive capacity, 25 µg/dl;  
(b) in respect of a young person, 40 µg/dl; or  
(c) in respect of any other employee, 50 µg/dl

Substance	CAS No.	Biological limit value	Biological Guidance Value	Note
Lead	-	30 µg / 100 ml	-	SCOEL

Source: SCOEL - Scientific Committee on Occupational Exposure Limits (2014) EU Commission Decision 2014/113/EU.

#### 8.1.3 PNECs and DNELs

Not established.

#### 8.2 Exposure controls

##### 8.2.1 Appropriate engineering controls

Ensure adequate ventilation. Store in a cool/low-temperature, well-ventilated (dry) place away from heat and ignition sources.

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### 8.2.2 Individual protection measures, such as personal protective equipment

Keep good industrial hygiene. Wear appropriate personal protective equipment, avoid direct contact. Avoid contact with skin, eyes or clothing. Do not eat, drink or smoke at the work place.

Protective clothing should be selected specifically for the working place, depending on concentration and quantity of the hazardous substances handled. The resistance of the protective clothing to chemicals should be ascertained with the respective supplier.

Eye/ face protection



Wear eye protection with side protection (EN166). Eyewash bottles should be available.

Skin protection



**Hand protection:** Wear impervious gloves (EN374). Gloves should be changed regularly to avoid permeation problems. Breakthrough time of the glove material: refer to the information provided by the gloves' producer. Protective index 6, corresponding > 480 minutes of permeation time according to EN 374.

**Body protection:** Wear dust-resistant protective clothing.

Respiratory protection



Not normally required. Wear suitable respiratory protective equipment if processing involves working in areas where dusts or vapours are likely to be evolved. In case of inadequate ventilation wear respiratory protection. Recommended: EN149 FFP3.

Thermal hazards

Not applicable.

### 8.2.3 Environmental exposure controls

Avoid release to the environment.

## 9. SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

Physical state	Dust
Colour	Red / brown
Odour	Musty
Melting point/freezing point	N/A, lead may volatilise first
Boiling point or initial boiling point and boiling range	Not established
Flammability	Not established
Lower and upper explosion limit	Not explosive
Flash point	Substance is inorganic
Auto-ignition temperature	Not established
Decomposition temperature	Not established
pH	10 –12.5 (DEV-S4-eluate according EN 12457-4)
Kinematic viscosity	Not established
Solubility	Not established
Partition coefficient: n-octanol/water (log value)	Not established
Vapour pressure	Not established
Density and/or relative density	ca. 3.0-4.0 g/cm <sup>3</sup> 20 °C
Relative vapour density	Not established
Particle characteristics	No data available

### 9.2 Other information

Specific gravity	None known 1.5 to 2.5 t/m <sup>3</sup>
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## 10. SECTION 10: STABILITY AND REACTIVITY

### 10.1 Reactivity

Stable under normal conditions.

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10.2	<b>Chemical stability</b>	Stable under normal conditions.
10.3	<b>Possibility of hazardous reactions</b>	Hazardous polymerisation will not occur.
10.4	<b>Conditions to avoid</b>	None known
10.5	<b>Incompatible materials</b>	Keep away from water. Avoid contact with acids and alkalis.
10.6	<b>Hazardous decomposition products</b>	None known

### 11. SECTION 11: TOXICOLOGICAL INFORMATION

#### 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

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<b>Acute toxicity - Ingestion</b>	Based upon the available data, the classification criteria are not met.
<b>Acute toxicity - Inhalation</b>	Based upon the available data, the classification criteria are not met.
<b>Acute toxicity - Skin contact</b>	Based upon the available data, the classification criteria are not met.
<b>Skin corrosion/irritation</b>	Skin Irrit. 2; H315: Causes skin irritation.
	Calcium oxide: Skin Irrit. 2; H315: Causes skin irritation.
	Irritating to skin. (rabbit) (OECD 404)
<b>Serious eye damage/irritation</b>	Eye Dam. 1: H318: Causes serious eye damage.
	Calcium oxide: Eye Dam. 1; H318
	Causes severe eye damage. (rabbit) (OECD 405)
<b>Respiratory or skin sensitisation</b>	Based upon the available data, the classification criteria are not met.
<b>Germ cell mutagenicity</b>	Based upon the available data, the classification criteria are not met.
<b>Carcinogenicity</b>	Carc. 2; H351: Suspected of causing cancer.
	Lead oxide: Carc. 2; H351: Suspected of causing cancer.
	LOAEC: ≤ 500ppm (Unnamed publication, 1972)
<b>Reproductive toxicity</b>	Repr. 1; H360Df: May damage the unborn child. Suspected of damaging fertility.
	Lact.; H362: May cause harm to breast-fed children.
	Lead oxide: Repr. 1; H360Df: May damage the unborn child. Suspected of damaging fertility.
	Lact.; H362: May cause harm to breast-fed children.
	Reproductive toxicity – NOAEL: 250 mg/L (Unnamed publication, 1984)
	Developmental toxicity – LOEL: 0.05 (Unnamed publication, 1998)
<b>STOT - Single Exposure</b>	Based upon the available data, the classification criteria are not met.
<b>STOT - Repeated Exposure</b>	Based upon the available data, the classification criteria are not met.
<b>Aspiration hazard</b>	Based upon the available data, the classification criteria are not met.

#### 11.2 Information on other hazards

11.2.1	Endocrine disrupting properties	This substance does not have endocrine disrupting properties with respect to humans.
11.2.2	Other information	None

### 12. SECTION 12: ECOLOGICAL INFORMATION

12.1	<b>Toxicity</b>	Aquatic Chronic 2; H411: Toxic to aquatic life with long lasting effects. On basis of test data. (Mixture) EC50 (72 hours) : 1.55 mg/L (Pseudokirchneriella subcapitata) (S.L.Pearson, 2015)
	EAF Extraction Filter Dust	ErC50: 1.55 mg/l (Pseudokirchneriella subcapitata; 72 hour) NOEC: 0.32 mg/l (Pseudokirchneriella subcapitata; 72 hour)
	Zinc oxide:	Aquatic Acute 1; H400: Very toxic to aquatic life. LC50 (fish) (96 hour): 0.112 mg/l (Buhl and Hamilton, 1990) Aquatic Chronic 1; H410: Very toxic to aquatic life with long lasting effects. NOEC (Fish) mg/l (72 days) 0.44 (Cairns et al., 1982)
	Lead oxide:	Aquatic Acute 1; H400: Very toxic to aquatic life. LC50: 107 µg/L (Unnamed publication, 1976) Aquatic Chronic 1; H410: Very toxic to aquatic life with long lasting effects. NOEC: 48 µg/L (Unnamed publication, 1983)
12.2	<b>Persistence and degradability</b>	No data for mixture as a whole

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	Zinc oxide: Not applicable for inorganic substances.
	Calcium oxide: Not applicable for inorganic substances.
	Manganese oxide: Not applicable for inorganic substances.
	Lead oxide: Not applicable for inorganic substances.
	Nickel: Not applicable for inorganic substances.
<b>12.3 Bioaccumulative potential</b>	No data for mixture as a whole
	Zinc oxide: Not applicable for inorganic substances.
	Calcium oxide: Not relevant
	Manganese oxide: Not applicable for inorganic substances.
	Lead: Will bioaccumulate. BCF: 2500 – 7400 L/kg (Vighi et al. 1981)
	Nickel: Low bioaccumulation potential. BCF: 45 (Alikhan et al. 1989)
<b>12.4 Mobility in soil</b>	No data for mixture as a whole
	Zinc oxide: Not applicable for inorganic substances.
	Calcium oxide: No data
	Manganese oxide: Not applicable for inorganic substances.
	Lead: The substance is predicted to have low mobility in soil. Partition Coefficient: Log Kd(soil): 3.8 l/kg . Weight of evidence approach. EU ECHA Registration Endpoint summary
	Nickel: The product is predicted to have high mobility in soil. Log Kp: 4.51 (Elbaz-Poulichet et al. 1996)
<b>12.5 Results of PBT and vPvB assessment</b>	Not classified as PBT or vPvB.
<b>12.6 Endocrine disrupting properties</b>	This substance does not have endocrine disrupting properties with respect to non-target organisms.
<b>12.7 Other adverse effects</b>	No information available

### 13. SECTION 13: DISPOSAL CONSIDERATIONS

<b>13.1 Waste treatment methods</b>	Do not allow to enter drains, sewers or watercourses. Dispose of this material and its container as hazardous waste. Disposal should be in accordance with local, state or national legislation.
Waste classification according to Directive 2008/98/EC (Waste Framework Directive)	HP 5 Specific Target Organ Toxicity (STOT)/Aspiration Toxicity HP 6 Acute toxicity HP 10 Toxic for Reproduction HP 14 Ecotoxic
	Waste Code EWC-Code: 10 02 07*

### 14. SECTION 14: TRANSPORT INFORMATION

	ADR/RID	IMDG/ADN
<b>14.1 UN number or ID number</b>	UN3077	UN3077
<b>14.2 UN proper shipping name</b>	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S (Zinc oxide; Lead oxide)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S (Zinc oxide; Lead oxide)
<b>14.3 Transport hazard class(es)</b>	9	9
<b>14.4 Packing group</b>	III	III
<b>14.5 Environmental hazards</b>	Environmentally hazardous substance	
<b>14.6 Special precautions for user</b>	See Section 2	
<b>14.7 Maritime transport in bulk according to IMO instruments</b>	Not applicable.	
<b>14.8 Additional information</b>	Not applicable.	

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### 15. SECTION 15: REGULATORY INFORMATION

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

##### 15.1.1 EU regulations

Authorisations and/or restrictions on use

Substance(s) of Very High Concern (SVHCs)

Lead concentrations in electrical equipment are controlled by Directive 2002/95/EC (commonly referred to as the Restriction of Hazardous Substances Directive or RoHS) and recast Directive 2011/65/EU.  
For professional users only.  
Lead: Entry 30: Restriction on supply of substances and mixtures to the general public, if classified as Repr. 1A or 1B  
Lead: Substance included on the Candidate List as of 19/12/2012. Reason for inclusion: Toxicity for reproduction (Article 57c)

##### 15.1.2 National regulations

United Kingdom

The Control of Lead at Work Regulations (2002)  
The Hazardous Waste (England and Wales) Regulations 2005  
A chemical safety assessment is not required under REACH.

##### 15.2 Chemical Safety Assessment

### 16. SECTION 16: OTHER INFORMATION

The following sections contain revisions or new statements: 2; 12; 13; 16

**References:** Safety Data Sheets for ingoing ingredients. Regulation (EC) No. 1272/2008 (CLP). REACH Regulation (EC) No. 1907/2006.

#### Literature References:

1. Buhl K. and Hamilton S., 1990. Comparative toxicity of inorganic contaminants released by placer mining to early life stage salmonids. *Ecotoxicology and environmental safety* 20, 325-342.
2. Cairns M.A., Garton R.R. and Tubb R.A., 1982, Use of fish ventilation frequency to estimate chronically safe toxicant concentrations, *Trans. Am. Fish. Soc.* 111, 70-77.
3. Alikhan, M.A., Zia, S. 1989. Nickel uptake and regulation in a copper-tolerant Decapod, *Cambarus (Fabricius) (Decapoda, Crustacea)*. *Bull. Environ. Contam. Toxicol.* 42, 94-102.
4. Elbaz-Poulichet, F., Garnier, J.M., Guan, D.M., Martin, J.M., Thomas, A.J. 1996. The conservative behaviour of Trace metals (Cd, Cu, Ni, Pb) and As in the surface plume of stratified estuaries: example of the Rhone River (France). *Estuarine, Coastal and Shelf Science*: 42, 289-310.
5. S.L.Pearson, 2015, Toxicity Testing of EAF dust and Lead dust for Classification as an Environmentally Hazardous Substance for Transportation under ADR, 161342

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EU Classification: This Safety Data Sheet was prepared in accordance with EC Regulation (EC) 1907/2006 (REACH), 1272/2008 (CLP) & 2020/878

#### Legend

ADR	ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road
CLP	Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures
DNEL	Derived no effect level
EU	European Union
HSE	Health and Safety Executive
IATA	IATA: International Air Transport Association
ICAO	ICAO: International Civil Aviation Organization
IMDG	IMDG: International Maritime Dangerous Goods
LTEL	Long term exposure limit
OEL	Occupational exposure limits
PBT	PBT: Persistent, Bioaccumulative and Toxic
PNEC	Predicted No Effect Concentration
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals
RID	RID: Regulations concerning the international railway transport of dangerous goods



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vPvB

vPvB: very Persistent and very Bioaccumulative

### Hazard classification / Classification code:

Acute Tox. 4, Acute Toxicity, Category 4  
Acute Tox. 4, Acute Toxicity, Category 4  
Skin Irrit. 2, Skin irritation, Category 2  
Eye Dam. 1, Serious eye damage, Category 1  
Skin Sens. 1, Skin sensitizer, Category 1  
Carc. 2, Carcinogen, Category 2  
Repr. 1, Reproductive toxicant, Category 1  
Lact. Lactation  
STOT SE 3, Specific target organ toxicity (single exposure), Category 3  
STOT RE 1, Specific target organ toxicity (repeated exposure), Category 1  
STOT RE 2, Specific target organ toxicity (repeated exposure), Category 2  
Aquatic Acute 1, Hazardous to the aquatic environment (Acute) Category 1  
Aquatic Chronic 1, Hazardous to the aquatic environment (Chronic) Category 1  
Aquatic Chronic 2; Hazardous to the aquatic environment (Chronic), Category 2  
Aquatic Chronic 3, Hazardous to the aquatic environment (Chronic) Category 3

### Hazard Statement(s)

H302: Harmful if swallowed.  
H332: Harmful if inhaled.  
H315: Causes skin irritation.  
H318: Causes serious eye damage.  
H317: May cause an allergic skin reaction.  
H351: Suspected of causing cancer.  
H360Df: May damage the unborn child. Suspected of damaging fertility.  
H362: May cause harm to breast-fed children.  
H335: May cause respiratory irritation.  
H372: Causes damage to organs through prolonged or repeated exposure.  
H373: May cause damage to organs through prolonged or repeated exposure.  
H400: Very toxic to aquatic life.  
H410: Very toxic to aquatic life with long lasting effects.  
H411: Toxic to aquatic life with long lasting effects.  
H412: Harmful to aquatic life with long lasting effects.

Training advice: Consideration should be given to the work procedures involved and the potential extent of exposure as they may determine whether a higher level of protection is required.

### Disclaimers

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