

LENOX SAW BLADES en - LENOX SAW BLADES



**SAFETY DATA SHEET**

(REACH regulation (EC) n° 1907/2006 - n° 453/2010)

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

**1.1. Product identifier**

Product name : LENOX SAW BLADES

Product code : LENOX SAW BLADES

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

LENOX: Saw Blades

**1.3. Details of the supplier of the safety data sheet**

Registered company name : Stanley Black & Decker BVBA.

Address : De Kleetlaan 5BC, 1831 Diegem, Belgium.

Telephone : +44 1753 511 234.

**1.4. Emergency telephone number : +44 1753 511 234**

**SECTION 2 : HAZARDS IDENTIFICATION**

**2.1. Classification of the substance or mixture**

**In compliance with EC regulation No. 1272/2008 and its amendments.**

Respiratory sensitisation, Category 1 (Resp. Sens. 1, H334).

Skin sensitisation, Category 1 (Skin Sens. 1, H317).

Carcinogenicity, Category 2 (Carc. 2, H351).

Specific target organ toxicity (repeated exposure), Category 2 (STOT RE 2, H373).

Hazardous to the aquatic environment - Acute hazard, Category 1 (Aquatic Acute 1, H400).

This mixture does not present a physical hazard. Refer to the recommendations regarding the other products present on the site.

**In compliance with directives 67/548/EEC, 1999/45/EC and their amendments.**

Highly flammable (F, R 15).

Highly flammable (F, R 17).

Serious effects after prolonged or repeated inhalation exposure: harmful (Xn, R 48/20).

Respiratory sensitisation (Xi, R 42).

Skin sensitisation (Xi, R 43).

Category 3 carcinogen (Xn, R 40 Carc. Cat. 3).

Aquatic environmental hazard, acute toxicity: very toxic (N, R 50).

**2.2. Label elements**

**In compliance with EC regulation No. 1272/2008 and its amendments.**

Hazard pictograms :



GHS09



GHS08

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Signal Word :

DANGER

Product identifiers :

027-001-00-9 COBALT  
 028-002-00-7 NICKEL

Additional labeling :

Hazard statements :

H317 May cause an allergic skin reaction.  
 H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.  
 H351 Suspected of causing cancer .  
 H373 May cause damage to organs through prolonged or repeated exposure (if inhaled).  
 H400 Very toxic to aquatic life.

Precautionary statements - Prevention :

P201 Obtain special instructions before use.  
 P260 Do not breathe dust/fume/gas/mist/vapours/spray.  
 P273 Avoid release to the environment.  
 P280 Wear protective gloves/protective clothing/eye protection/face protection.  
 P284 [In case of inadequate ventilation] wear respiratory protection.

Precautionary statements - Response :

P302 + P352 IF ON SKIN: Wash with plenty of water/...  
 P304 + P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
 P308 + P313 IF exposed or concerned: Get medical advice/attention.  
 P314 Get medical advice/attention if you feel unwell.  
 P321 Specific treatment (see ... on this label).  
 P333 + P313 If skin irritation or rash occurs: Get medical advice/attention.  
 P342 + P311 If experiencing respiratory symptoms: Call a POISON CENTER/doctor/...  
 P362 + P364 Take off contaminated clothing and wash it before reuse.  
 P391 Collect spillage.

Precautionary statements - Disposal :

P501 Dispose of contents/container in accordance with local/regional/national/international regulation

**2.3. Other hazards**

The mixture does not contain substances classified as 'Substances of Very High Concern' (SVHC) >= 0.1% published by the European Chemicals Agency (ECHA) under article 57 of REACH: <http://echa.europa.eu/fr/candidate-list-table>

The mixture satisfies neither the PBT nor the vPvB criteria for mixtures in accordance with annexe XIII of the REACH regulations EC 1907/2006.

**SECTION 3 : COMPOSITION/INFORMATION ON INGREDIENTS**

**3.2. Mixtures**

**Composition :**

Identification	(EC) 1272/2008	67/548/EEC	Note	%
CAS: 7439-89-6 EC: 231-096-4 IRON	GHS09 Wng Aquatic Acute 1, H400 M Acute = 100	N N;R50		≥ 90
INDEX: 013-001-00-6 CAS: 7429-90-5 EC: 231-072-3 ALUMINIUM POWDER ( PYROPHORIC ).	GHS02 Dgr Water-react. 2, H261	F R15-R17	[1]	1 <= x % < 50

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INDEX: 027-001-00-9 CAS: 7440-48-4 EC: 231-158-0  COBALT	GHS08 Dgr Resp. Sens. 1, H334 Skin Sens. 1, H317 Aquatic Chronic 4, H413	Xn Xn;R42/43 R53	[1]	1 <= x % < 25
CAS: 7439-98-7 EC: 231-107-2  MOLYBDENUM			[1]	1 <= x % < 10
CAS: 7440-33-7 EC: 231-143-9  TUNGSTEN	GHS07 Wng Eye Irrit. 2, H319	Xi Xi;R36	[1]	1 <= x % < 10
CAS: 7440-47-3 EC: 231-157-5  CHROMIUM	GHS09 Wng Aquatic Acute 1, H400 M Acute = 100	N N;R50	[1]	1 <= x % < 5
CAS: 7440-21-3 EC: 231-130-8  SILICON	GHS07 Wng Eye Irrit. 2, H319	Xi Xi;R36	[1]	0 <= x % < 3
INDEX: 028-002-00-7 CAS: 7440-02-0 EC: 231-111-4  NICKEL	GHS08, GHS07 Dgr Carc. 2, H351 STOT RE 1, H372 Skin Sens. 1, H317	T Carc. Cat. 3;R40 T;R48/23 Xi;R43	S [1] [2]	0 <= x % < 3
CAS: 7439-96-5 EC: 231-105-1  MANGANESE	GHS07 Wng Eye Irrit. 2, H319	Xi Xi;R36	[1]	0 <= x % < 3

**Information on ingredients :**

- [1] Substance for which maximum workplace exposure limits are available.  
 [2] Carcinogenic, mutagenic or reprotoxic (CMR) substance.

**SECTION 4 : FIRST AID MEASURES**

As a general rule, in case of doubt or if symptoms persist, always call a doctor.  
 NEVER induce swallowing by an unconscious person.

**4.1. Description of first aid measures**

**In the event of exposure by inhalation :**

In the event of massive inhalation of dust, remove the person exposed to fresh air. Keep warm and at rest.  
 If breathing is irregular or has stopped, effect mouth-to-mouth resuscitation and call a doctor.  
 In the event of an allergic reaction, seek medical attention.

**In the event of splashes or contact with eyes :**

Wash thoroughly with soft, clean water for 15 minutes holding the eyelids open.  
 If there is any redness, pain or visual impairment, consult an ophthalmologist.

**In the event of splashes or contact with skin :**

Remove contaminated clothing and wash the skin thoroughly with soap and water or a recognised cleaner.  
 Watch out for any remaining product between skin and clothing, watches, shoes, etc.  
 In the event of an allergic reaction, seek medical attention.  
 If the contaminated area is widespread and/or there is damage to the skin, a doctor must be consulted or the patient transferred to hospital.

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**In the event of swallowing :**

Do not give the patient anything orally.

In the event of swallowing, if the quantity is small (no more than one mouthful), rinse the mouth with water and consult a doctor.

Seek medical attention immediately, showing the label.

**4.2. Most important symptoms and effects, both acute and delayed**

No data available.

**4.3. Indication of any immediate medical attention and special treatment needed**

No data available.

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**SECTION 5 : FIREFIGHTING MEASURES**

Non-flammable.

**5.1. Extinguishing media**

**5.2. Special hazards arising from the substance or mixture**

A fire will often produce a thick black smoke. Exposure to decomposition products may be hazardous to health.

Do not breathe in smoke.

In the event of a fire, the following may be formed :

- carbon monoxide (CO)
- carbon dioxide (CO<sub>2</sub>)

**5.3. Advice for firefighters**

No data available.

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**SECTION 6 : ACCIDENTAL RELEASE MEASURES**

**6.1. Personal precautions, protective equipment and emergency procedures**

Consult the safety measures listed under headings 7 and 8.

**For non first aid worker**

Avoid any contact with the skin and eyes.

Avoid inhaling dust.

If a large quantity has been spilt, evacuate all personnel and only allow intervention by trained operators equipped with safety apparatus.

**For first aid worker**

First aid workers will be equipped with suitable personal protective equipment (See section 8).

**6.2. Environmental precautions**

Prevent any material from entering drains or waterways.

**6.3. Methods and material for containment and cleaning up**

Retrieve the product by mechanical means (sweeping/vacuuming).

**6.4. Reference to other sections**

No data available.

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**SECTION 7 : HANDLING AND STORAGE**

Requirements relating to storage premises apply to all facilities where the mixture is handled.

Individuals with a history of asthma, allergies and/or chronic or periodical breathing difficulties should not, under any circumstances, use these mixtures.

Individuals with a history of skin sensitisation should not, under any circumstance, handle this mixture.

**7.1. Precautions for safe handling**

Always wash hands after handling.

Remove and wash contaminated clothing before re-using.

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**Fire prevention :**

Handle in well-ventilated areas.  
 Prevent access by unauthorised personnel.

**Recommended equipment and procedures :**

For personal protection, see section 8.  
 Observe precautions stated on label and also industrial safety regulations.  
 Do not breathe in dust.  
 Also provide breathing apparatus for certain short tasks of an exceptional nature and for emergency interventions.  
 In all cases, recover emissions at source.  
 Avoid exposure - obtain special instructions before use.

**Prohibited equipment and procedures :**

No smoking, eating or drinking in areas where the mixture is used.

**7.2. Conditions for safe storage, including any incompatibilities**

No data available.

**Storage**

Keep the container tightly closed in a dry, well-ventilated place.

**Packaging**

Always keep in packaging made of an identical material to the original.

**7.3. Specific end use(s)**

No data available.

**SECTION 8 : EXPOSURE CONTROLS/PERSONAL PROTECTION**

**8.1. Control parameters**

**Occupational exposure limits :**

- European Union (2009/161/EU, 2006/15/EC, 2000/39/EC, 98/24/EC)

CAS	VME-mg/m3 :	VME-ppm :	VLE-mg/m3 :	VLE-ppm :	Notes :
7440-47-3	2	-	-	-	-

- ACGIH TLV (American Conference of Governmental Industrial Hygienists, Threshold Limit Values, 2010) :

CAS	TWA :	STEL :	Ceiling :	Definition :	Criteria :
7429-90-5	2 mg/m3	-	-	-	-
7440-48-4	0.02 mg/m3	-	-	-	-
7439-98-7	10 mg/m3	-	-	-	I
7440-33-7	1 mg/m3	3 mg/m3	-	-	-
7440-47-3	0.5 mg/m3	-	-	-	-
7440-02-0	1.5 mg/m3	-	-	-	I
7439-96-5	0.2 mg/m3	-	-	-	-

- Germany - AGW (BAuA - TRGS 900, 21/06/2010) :

CAS	VME :	VME :	Excess	Notes
7439-96-5	-	0,5 mg/m3 E	-	DFG, Y, 10

- France (INRS - ED984 :2008) :

CAS	VME-ppm :	VME-mg/m3 :	VLE-ppm :	VLE-mg/m3 :	Notes :	TMP No :
7429-90-5	-	10	-	-	-	-
7439-98-7	-	5	-	10	-	-
7440-47-3	-	2	-	-	-	-
7440-21-3	-	10	-	-	-	-
7440-02-0	-	1	-	-	C3	-
7439-96-5	-	1	-	-	-	-

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- UK / WEL (Workplace exposure limits, EH40/2005, 2007) :

CAS	TWA :	STEL :	Ceiling :	Definition :	Criteria :
7429-90-5	2 mg/m3	-	-	-	-
7440-48-4	0.1 mg/m3	-	-	-	-
7439-98-7	10 mg/m3	20 mg/m3	-	-	-
7440-33-7	1 mg/m3	3 mg/m3	-	-	-
7440-47-3	0.05 mg/m3	-	-	-	-
7440-21-3	10 mg/m3	-	-	-	TI
7440-02-0	0.1 mg/m3	-	-	-	-
7439-96-5	0.5 mg/m3	-	-	-	-

**8.2. Exposure controls**

**Personal protection measures, such as personal protective equipment**

Use personal protective equipment that is clean and has been properly maintained.

Store personal protective equipment in a clean place, away from the work area.

Never eat, drink or smoke during use. Remove and wash contaminated clothing before re-using. Ensure that there is adequate ventilation, especially in confined areas.

**- Eye / face protection**

Avoid contact with eyes.

Before handling powders or dust emission, wear mask goggles in accordance with standard EN166.

**- Hand protection**

Use suitable protective gloves that are resistant to chemical agents in accordance with standard EN374.

Gloves must be selected according to the application and duration of use at the workstation.

Protective gloves need to be selected according to their suitability for the workstation in question : other chemical products that may be handled, necessary physical protections (cutting, pricking, heat protection), level of dexterity required.

Recommended properties :

- Impervious gloves in accordance with standard EN374

**- Body protection**

Avoid skin contact.

Wear suitable protective clothing.

Suitable type of protective clothing :

Wear protective clothing against solid chemicals and particles suspended in the air (type 5) in accordance with standard EN13982-1 to prevent skin contact.

Work clothing worn by personnel shall be laundered regularly.

After contact with the product, all parts of the body that have been soiled must be washed.

**- Respiratory protection**

Avoid breathing dust.

If the ventilation is insufficient, wear appropriate breathing apparatus.

When workers are confronted with concentrations that are above occupational exposure limits, they must wear a suitable, approved, respiratory protection device.

Type of FFP mask :

Wear a disposable half-mask dust filter in accordance with standard EN149.

Category :

- FFP1

Anti-gas and vapour filter(s) (Combined filters) in accordance with standard EN14387 :

- A1 (Brown)

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**SECTION 9 : PHYSICAL AND CHEMICAL PROPERTIES**

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

**General information :**

Physical state : Solid.

**Important health, safety and environmental information**

pH : Not relevant.  
Boiling point/boiling range : Not relevant.  
Flash point interval : Not relevant.  
Vapour pressure (50°C) : Not relevant.  
Density : 8  
Water solubility : Insoluble.  
Melting point/melting range : Not relevant.  
Self-ignition temperature : Not relevant.  
Decomposition point/decomposition range : Not relevant.

**9.2. Other information**

No data available.

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**SECTION 10 : STABILITY AND REACTIVITY**

**10.1. Reactivity**

In contact with water or damp air, the mixture releases highly flammable gases in dangerous quantities at a minimum rate of 1 litre/kg/hr.

**10.2. Chemical stability**

This mixture is stable under the recommended handling and storage conditions in section 7.

**10.3. Possibility of hazardous reactions**

No data available.

**10.4. Conditions to avoid**

Avoid :

- formation of dusts

Dusts can form an explosive mixture with air.

**10.5. Incompatible materials**

**10.6. Hazardous decomposition products**

The thermal decomposition may release/form :

- carbon monoxide (CO)

- carbon dioxide (CO<sub>2</sub>)

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**SECTION 11 : TOXICOLOGICAL INFORMATION**

**11.1. Information on toxicological effects**

May cause hypersensitivity of the respiratory tracts with effects taking the form of asthma, rhinitis/conjunctivitis or alveolitis.

May cause an allergic reaction by skin contact.

Suspected human carcinogen.

May cause severe damage to organs in the event of repeated or prolonged exposure.

**11.1.1. Substances**

**Acute toxicity :**

MANGANESE (CAS: 7439-96-5)

Oral route :

LD50 = 9000 mg/kg

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Species : Rat

SILICON (CAS: 7440-21-3)  
Oral route :

LD50 = 3160 mg/kg  
Species : Rat

**11.1.2. Mixture**

**Respiratory or skin sensitisation :**

May cause allergy or asthma symptoms or breathing difficulties if inhaled.

**Monograph(s) from the IARC (International Agency for Research on Cancer) :**

CAS 7440-47-3 : IARC Group 3 : The agent is not classifiable as to its carcinogenicity to humans.

CAS 7440-02-0 : IARC Group 2B : The agent is possibly carcinogenic to humans.

CAS 7440-48-4 : IARC Group 2B : The agent is possibly carcinogenic to humans.

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**SECTION 12 : ECOLOGICAL INFORMATION**

Highly toxic to aquatic life.

The product must not be allowed to run into drains or waterways.

**12.1. Toxicity**

**12.1.1. Substances**

MANGANESE (CAS: 7439-96-5)

Fish toxicity :

LC50 = 28 mg/l  
Species : Pimephales promelas  
Duration of exposure : 96 h

Crustacean toxicity :

EC50 = 29 mg/l  
Species : Daphnia magna  
Duration of exposure : 48 h

Aquatic plant toxicity :

ECr50 = 31 mg/l  
Species : Lemna minor  
Duration of exposure : 96 h

CHROMIUM (CAS: 7440-47-3)

Fish toxicity :

LC50 = 0.00139 mg/l  
Factor M = 100  
Species : Anguilla rostrata  
Duration of exposure : 96 h

Crustacean toxicity :

EC50 = 0.022 mg/l  
Factor M = 10  
Duration of exposure : 48 h

Aquatic plant toxicity :

ECr50 = 35 mg/l  
Species : Lemna minor  
Duration of exposure : 96 h

IRON (CAS: 7439-89-6)

Fish toxicity :

LC50 = 0.00648 mg/l



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	Factor M = 100
	Duration of exposure : 96 h
Aquatic plant toxicity :	ECr50 = 3.7 mg/l
	Species : Lemna minor
	Duration of exposure : 96 h

**12.1.2. Mixtures**

No aquatic toxicity data available for the mixture.

**12.2. Persistence and degradability**

**12.2.1. Substances**

MANGANESE (CAS: 7439-96-5)  
Biodegradability :

no degradability data is available, the substance is considered as not degrading quickly.

CHROMIUM (CAS: 7440-47-3)  
Biodegradability :

Fast degrading.

IRON (CAS: 7439-89-6)  
Biodegradability :

Fast degrading.

**12.3. Bioaccumulative potential**

No data available.

**12.4. Mobility in soil**

No data available.

**12.5. Results of PBT and vPvB assessment**

No data available.

**12.6. Other adverse effects**

No data available.

**German regulations concerning the classification of hazards for water (WGK) :**

WGK 1 (VwVwS vom 27/07/2005, KBws) : Slightly hazardous for water.

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**SECTION 13 : DISPOSAL CONSIDERATIONS**

Proper waste management of the mixture and/or its container must be determined in accordance with Directive 2008/98/EC.

**13.1. Waste treatment methods**

Do not pour into drains or waterways.

**Waste :**

Waste management is carried out without endangering human health, without harming the environment and, in particular without risk to water, air, soil, plants or animals.

Recycle or dispose of waste in compliance with current legislation, preferably via a certified collector or company.

Do not contaminate the ground or water with waste, do not dispose of waste into the environment.

**Soiled packaging :**

Empty container completely. Keep label(s) on container.

Give to a certified disposal contractor.

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**SECTION 14 : TRANSPORT INFORMATION**

Transport product in compliance with provisions of the ADR for road, RID for rail, IMDG for sea and ICAO/IATA for air transport (ADR 2013 - IMDG 2012 - ICAO/IATA 2014).

**14.1. UN number**

3077

**14.2. UN proper shipping name**

UN3077=ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.

**14.3. Transport hazard class(es)**

- Classification :



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**14.4. Packing group**

III

**14.5. Environmental hazards**

- Environmentally hazardous material :



**14.6. Special precautions for user**

ADR/RID	Class	Code	Pack gr.	Label	Ident.	LQ	Provis.	EQ	Cat.	Tunnel
	9	M7	III	9	90	5 kg	274 335 601	E1	3	E

IMDG	Class	2°Label	Pack gr.	LQ	EMS	Provis.	EQ
	9	-	III	5 kg	F-A,S-F	274 335	E1

IATA	Class	2°Label	Pack gr.	Passager	Passager	Cargo	Cargo	note	EQ
	9	-	III	956	400 kg	956	400 kg	A97 A158 A179	E1
	9	-	III	Y956	30 kg G	-	-	A97 A158 A179	E1

For limited quantities, see part 2.7 of the OACI/IATA and chapter 3.4 of the ADR and IMDG.

For excepted quantities, see part 2.6 of the OACI/IATA and chapter 3.5 of the ADR and IMDG.

**14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**

No data available.

**SECTION 15 : REGULATORY INFORMATION**

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

- **Classification and labelling information included in section 2:**

The following regulations have been used:

- Directive 67/548/EEC and its adaptations

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- Directive 1999/45/EC and its adaptations
- EU Regulation No. 1272/2008 amended by EU Regulation No. 487/2013.
- EU Regulation No. 1272/2008 amended by EU Regulation No. 758/2013.
- EU Regulation No. 1272/2008 amended by EU Regulation No. 944/2013.
- EU Regulation No. 1272/2008 amended by EU Regulation No. 605/2014.

**- Container information:**

No data available.

**Usage restrictions apply to the product : See annex XVII of EC regulation No. 1907/2006.**

For professional users only.

**- Particular provisions :**

No data available.

**- German regulations concerning the classification of hazards for water (WGK) :**

WGK 1 (VwVwS vom 27/07/2005, KBws) : Slightly hazardous for water.

**15.2. Chemical safety assessment**

No data available.

**SECTION 16 : OTHER INFORMATION**

Since the user's working conditions are not known by us, the information supplied on this safety data sheet is based on our current level of knowledge and on national and community regulations.

The mixture must not be used for other uses than those specified in section 1 without having first obtained written handling instructions.

It is at all times the responsibility of the user to take all necessary measures to comply with legal requirements and local regulations.

The information in this safety data sheet must be regarded as a description of the safety requirements relating to the mixture and not as a guarantee of the properties thereof.

**In compliance with directives 67/548/EEC, 1999/45/EC and their amendments.**

Hazard symbols :



Harmful



Dangerous for the environment

Contains :

027-001-00-9

COBALT

028-002-00-7

NICKEL

Risk phrase :

R 50

Very toxic to aquatic organisms.

R 42/43

May cause sensitization by inhalation and skin contact.

R 15

Contact with water liberates extremely flammable gases.

R 48/20

Harmful: danger of serious damage to health by prolonged exposure through inhalation.

R 17

Spontaneously flammable in air.

R 40

Limited evidence of a carcinogenic effect.

For professional use only.

Safety phrase :

S 22

Do not breathe dust.

S 36/37

Wear suitable protective clothing and gloves.

S 43

In case of fire, use ... (indicate in the space the precise type of fire-fighting equipment. If water increases risk, add - "Never use water").

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S 45	In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).
S 61	Avoid release to the environment. Refer to special instructions/Safety data sheets.
S 38	In case of insufficient ventilation, wear suitable respiratory equipment.
S 60	This material and its container must be disposed of as hazardous waste.
S 7	Keep container tightly closed.
S 24	Avoid contact with skin.
S 57	Use appropriate container to avoid environmental contamination.
S 8	Keep container dry. Product submitted to restrictions on the marketing and use: see Regulation (EC) No 1907/2006.

**Title for H, EUH and R indications mentioned in section 3 :**

H250	Catches fire spontaneously if exposed to air.
H261	In contact with water releases flammable gases.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H351	Suspected of causing cancer .
H372	Causes damage to organs through prolonged or repeated exposure .
H400	Very toxic to aquatic life.
H413	May cause long lasting harmful effects to aquatic life.
R 15	Contact with water liberates extremely flammable gases.
R 17	Spontaneously flammable in air.
R 36	Irritating to eyes.
R 40.C3	Limited evidence of a carcinogenic effect.
R 42/43	May cause sensitization by inhalation and skin contact.
R 43	May cause sensitisation by skin contact.
R 48/23	Toxic: danger of serious damage to health by prolonged exposure through inhalation.
R 50	Very toxic to aquatic organisms.
R 53	May cause long-term adverse effects in the aquatic environment.

**Abbreviations :**

CMR: Carcinogenic, mutagenic or reprotoxic.  
ADR : European agreement concerning the international carriage of dangerous goods by Road.  
IMDG : International Maritime Dangerous Goods.  
IATA : International Air Transport Association.  
ICAO : International Civil Aviation Organisation  
RID : Regulations concerning the International carriage of Dangerous goods by rail.  
WGK : Wassergefährdungsklasse (Water Hazard Class).  
GHS08 : Health hazard  
GHS09 : Environment