

Complying with Regulation (EC) No 1272/2008 (CLP) as amended by Commission Regulation (EU) 2020/878.

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING**1.1 Product identifier**

Product name: AW Hydraulic Oil ISO 46

Other means of identification:

CAS Number: Mixture
EC Number: Not applicable
REACH No: Not applicable

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

Relevant identified uses: Standard Hydraulic Oil.
Uses advised against: Uses other than those described above.

1.3 Details of the supplier of the safety data sheet

Company Name: SPXFlow.
Company Address: 5885 11th Street
Rockford, IL 61109
Company Tel: (815) 967-4400
Contact Name: Office hours (Mon – Fri)
8.00am – 5:00pm (CST)
(815) 874-5556
E-mail address of person responsible for this SDS: EH&S Department. Info@powerteam.com
REACH ONLY Representative (In the E.U.): Hydraulic Technologies Netherlands B.V.,
Albert Thijsstraat 12, 6471WX Eygelshoven,
The Netherlands.

1.4 Emergency telephone number**Emergency telephone number (including hours of operation):**

INFOTRAC 24 Hour Emergency Numbers:
USA, Canada, Puerto Rico (800) 535-5053.
International (352) 323-3500.

Poison Centre Information: See Section 16 for the full EU list of Poison Centres.

SECTION 2: HAZARDS IDENTIFICATION**2.1 Classification of the substance or mixture**

Classification in accordance to Regulation (EC) No. 1272/2008 (CLP/GHS)

Product name	GHS Classification
AW Hydraulic Oil ISO 46	Not classified as hazardous

2.2 Label elements

Labelling in accordance with Regulation 1272/2008 (CLP)
Hazard pictograms: None required

Signal word: None required

Hazard statements: None required

Precautionary Statements: None required

Supplemental Hazard Statements: None known

2.3 Other hazards

This substance/mixture contains no components considered to be endocrine disruptors, persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS
3.1 Substances :

Not applicable.

3.2 Mixture :

Product/ Ingredient name	Identifiers	%	Classification 1272/2008/EC	Nano material form	M Factor	Specific conc'n limits (SCL)	Acute toxicity estimate (ATE)
Distillates (petroleum), solvent- dewaxed heavy paraffinic	CAS No 64742-65-0 EC No 265-169-7 REACH No 01- 2119471299- 27-XXXX	50 - 100%	Carc 1B H350 * See Note L	No	1	No SCL in Annex VI	No ATE in Annex VI

* Note L: The classification as a carcinogen need not apply if it can be shown that the substance contains less than 3% DMSO extract as measured by IP 346.

This product contains less than 3% (w/w) DMSO extract for total polycyclic aromatic compound (PAC) using IP 346.

Nanoforms present in product:

Based on particle size of the product, there are no nanoforms present.

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Occupational exposure limits, if available, are listed in section 8.

See section 16 for the full text of the EUH and H phrases declared above.

SECTION 4: FIRST AID MEASURES**4.1 Description of first aid measures**

Eye contact: If eyes become irritated, flush immediately with copious amounts of lukewarm water for at least 15 minutes. If easy to do, remove contact lenses. Get medical attention if irritation persists.

Skin contact: Wash with water and soap and rinse thoroughly. Seek medical advice if irritation or pain develops.

Inhalation: Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. If not breathing, give artificial respiration. Seek medical advice.

Ingestion: Do not induce vomiting. If conscious, give small amounts of water to drink. Never give anything by mouth to an unconscious person. Get medical advice.

4.2 Most important symptoms and effects, both acute and delayed

Not expected to be a health hazard when used under normal conditions. An aspiration hazard may be appropriate if the oil is vaporized under pressure.

4.3 Indication of any immediate medical attention and special treatment needed

If any symptoms are observed, contact a physician and give them this SDS sheet.

SECTION 5: FIREFIGHTING MEASURES**5.1 Extinguishing media**

Suitable extinguishing media: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Unsuitable extinguishing media: Do not use water jet.

5.2 Special hazards arising from the substance or mixture

Hazardous combustion products may include carbon monoxide and other toxic gases/vapors.

Hazardous combustion products:

Toxic/Irritating fumes, gases and vapours including carbon oxides and other products of incomplete combustion.

5.3 Advice for firefighters

Self-contained breathing apparatus and full protective clothing must be worn in case of fire. Fight fire from a protected location. Water may be ineffective in fighting the fire. Use water spray to keep fire-exposed container cool. Keep out of drains, surface waters and soil against pollution.

SECTION 6: ACCIDENTAL RELEASE MEASURES**6.1 Personal precautions, protective equipment and emergency procedures****For non-emergency personnel**

No action shall be taken involving any personal risk or without suitable training. Stop leak if able to do so without risk. Keep unnecessary and unprotected personnel from entering. Eliminated ignition sources. Avoid breathing mist/vapor/aerosol/gas/fume. Do not walk through spilled material. Avoid contact with eyes, skin and clothing. Wear recommended personal protective equipment (refer to Section 8 Exposure controls/ personal protection).

For emergency responders

Keep unauthorized people away and upwind. Wear appropriate personal protective equipment (refer to

Section 8 Exposure controls/ personal protection) and avoid inhalation or contact with eyes and skin. See also the information in "For non-emergency personnel".

6.2 Environmental precautions

Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

6.3 Methods and materials for containment and cleaning up

Absorb in vermiculite, dry sand or earth. Sweep up and place in a clearly labeled container for disposal. Ensure adequate ventilation.

6.4 Reference to other sections

See Section 1 for emergency contact information.
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

Avoid breathing mist or vapors. Avoid contact with eyes. Use only with adequate ventilation. Wash thoroughly after handling. Observe good personal hygiene practices. Change protective gloves/clothing when signs of contamination appear. Keep out of reach of children.

7.2 Conditions for safe storage, including any incompatibilities

Store in original factory container in a dry area. Do not transfer to an unmarked container. Keep container tightly closed and in a well-ventilated place. Store away from heat and light. Refer to Section 10 – Stability and Reactivity for incompatibilities.

7.3 Specific end use(s):

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated.

SECTION 8: EXPOSURE CONTROL / PERSONAL PROTECTION

8.1 Control parameters

Occupational exposure limit values:

Ingredient name	CAS Number	Occupational exposure limits	Source
Distillates (petroleum), solvent- dewaxed heavy paraffinic (as oil mist)	64742-65-0	Short-term value: 2 mg/m ³ (Denmark) 3 mg/m ³ (Sweden) 10 mg/m ³ (Belgium, Hungary, Spain, U.K.) Long-term value: 1 mg/m ³ (Denmark, Norway, Sweden) 5 mg/m ³ (Austria, Belgium, Finland, Ireland (Pure, highly and severely refined Inhalable fraction), Latvia, Spain, Switzerland (inhalable fraction), The Netherlands, U.K.)	Europe. Occupational exposure limit values

Monitoring procedures: Use methods described in European Standards.

Derived No Effect Level (DNEL):

Distillates (petroleum), solvent- dewaxed heavy paraffinic

Application Area	Exposure routes	Health Effect	Value
Workers	Inhalation	Long-term systemic effects	2.73 mg/m ³
Workers	Inhalation	Long-term local effects	5.58 mg/m ³
Workers	Dermal	Long-term systemic effects	0.97 mg/kg bw/day
General population	Oral	Long-term systemic effects	0.74 mg/kg bw/day

Predicted No Effect Concentration (PNEC):

Distillates (petroleum), solvent- dewaxed heavy paraffinic

Compartment	Value
Hazard for predators - Secondary poisoning	9.33 mg/kg food

8.2 Exposure controls

Appropriate Engineering Measures

Maintain air concentrations below occupational exposure standards using engineering controls if necessary. Local exhaust ventilation is recommended. Eye wash station and showers required for emergency use.

Individual protection measures, such as personal protective equipment:

Eye and face protection: Wear safety glasses or full-face shield if splashes are likely to occur. If possible, have eye-washing facilities readily available where eye irritation can occur. Use equipment for eye protection tested and approved under appropriate government standards such as EN 166(EU).

Skin protection:

Hand protection: Where hand contact with the product may occur the use of gloves approved to relevant standards made from the following materials may provide suitable chemical protection: PVC, neoprene or nitrile rubber gloves. The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it. Suitability and durability of a glove is dependent on usage, e.g. frequency and duration of contact, chemical resistance of glove material, glove thickness, dexterity. Always seek advice from glove suppliers. Contaminated gloves should be replaced. Personal hygiene is a key element of effective hand care. Gloves must only be worn on clean hands. After using gloves, hands should be washed and dried thoroughly. Application of a non-perfumed moisturizer is recommended.

Other skin protection: Use as necessary to prevent exposure. Work clothing should be changed daily. Contaminated clothing should be removed and washed thoroughly before re-using.

Respiratory protection: No respiratory protection is ordinarily required under normal conditions of use. In accordance with good industrial hygiene practices, precautions should be taken to avoid breathing of material. If engineering controls do not maintain airborne concentrations to a level which is adequate to protect worker health, select respiratory protection equipment suitable for the specific conditions of use and meeting relevant legislation. Check with respiratory protective equipment suppliers. Where air-filtering respirators are suitable, select an appropriate combination of mask and filter. Use respirators and components tested and approved under appropriate government standards such as CEN (EU).

Thermal hazards: None known.

Environmental exposure controls: Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**9.1 Information on basic physical and chemical properties**

Physical State:	Liquid
Colour:	Blue
Odour and odour threshold:	Mild
Melting point/Freezing point:	Not available
Boiling point or initial boiling point and boiling range:	Not available
Flammability:	Not applicable
Lower and upper explosion limit:	
Lower (%):	Not available
Upper (%):	Not available
Flash point:	> 160 °C
Auto-ignition temperature:	Not available
Decomposition temperature:	Not available
pH:	Not available
Kinematic viscosity:	46 cSt @40 degrees C
Solubility:	Insoluble
Partition coefficient n-octanol/water (log value):	Not available
Vapour pressure:	Not available
Density and/or relative density:	0.87 -0.89
Relative vapour density:	Not available
Decomposition temperature:	Not available
Particle characteristics:	Not applicable

9.2 Other information:

Information with Regard to Physical Hazard Classes: None known.

Other Safety Characteristics: None known.

SECTION 10: STABILITY AND REACTIVITY**10.1 Reactivity**

No hazardous reactions anticipated under normal storage and handling conditions.

10.2 Chemical stability

Stable under normal storage and handling conditions.

10.3 Possibility of hazardous reactions

No hazardous reactions are anticipated under normal storage and handling conditions.

10.4 Conditions to avoid

Incompatible materials, Extreme heat, Open Flame, Sparks.

10.5 Incompatible materials

Materials to avoid include; Oxidizing Agents.

10.6 Hazardous Decomposition products:

Not anticipated under normal conditions of use.

SECTION 11: TOXICOLOGICAL INFORMATION
11.1 Information on toxicological effects

Acute toxicity: Does not meet the criteria for classification.

Product/ingredient name	Test	Species	Dose
Distillates (petroleum), solvent- dewaxed heavy paraffinic	LD ₅₀ Oral	Rat	> 5000 mg/kg
	LD ₅₀ Dermal	Rabbit	> 5000 mg/kg
	LC ₅₀ Inhalation	Rat	> 5 mg/l (4h)

Skin corrosion/irritation: Does not meet the criteria for classification.

Serious eye damage/eye irritation: Does not meet the criteria for classification.

Respiratory or skin sensitization: Does not meet the criteria for classification.

Germ cell mutagenicity: Does not meet the criteria for classification.

Carcinogenicity: Does not meet the criteria for classification.

Reproductive toxicity: Does not meet the criteria for classification.

STOT – Single exposure: Does not meet the criteria for classification.

STOT – Repeat exposure: Does not meet the criteria for classification.

Aspiration hazard: Does not meet the criteria for classification.

11.2 Information on other hazards:

Endocrine disrupting properties: None of the components have endocrine disrupting properties

Information on other hazards: An aspiration hazard may be appropriate if the oil is vaporized under pressure.

SECTION 12: ECOLOGICAL INFORMATION
12.1 Toxicity:

Substance name	Toxicity to fish / other aquatic invertebrates
Distillates (petroleum), solvent- dewaxed heavy paraffinic	Fish LL50 – Pimephales promelas: ≥ 100 mg/L 96h Fish NOEL – Pimephales promelas: ≥ 100 mg/L 96h Invertebrates EL50 Daphnia magna ≥ 10,000 mg/L 48h Invertebrates NOEL Daphnia magna ≥ 1000 mg/L 48h Algae NOEL- Pseudokirchneriella subcapitata: ≥ 100 mg/L 72 h

12.2 Persistence and Degradability:

Major constituents are expected to be readily biodegradable, but the product contains components that may persist in the environment.

12.3 Bioaccumulative potential:

Contains components with the potential to bioaccumulate.

12.4 Mobility in soil:

If it enters soil, it will adsorb to soil particles and will not be mobile.

12.5 Results of PBT and vPvB assessment:

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

12.6 Endocrine disrupting properties

None known.

12.7 Other adverse effects:

None expected

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods:

Product

Dispose of in accordance with all applicable local, state, national and international regulations. Recover or recycle if possible. It is the responsibility of the waste generator to determine the toxicity and physical properties of the material generated to determine the proper waste classification and disposal methods. Do not dispose into the environment, in drains or in water courses.

Contaminated packaging

Since emptied containers retain product residue, follow label warnings even after container is emptied. Dispose of as unused product.

SECTION 14: TRANSPORT INFORMATION

International transport regulations

14.1 UN number:

ADR/RID: n/a

IMDG: n/a

IATA: n/a

14.2 Proper shipping name:

ADR/RID: Not classified as dangerous for transport

IMDG: Not classified as dangerous for transport

IATA: Not classified as dangerous for transport

14.3 Transport hazard class(es)

ADR/RID: n/a

IMDG: n/a

IATA: n/a

14.4 Packing group

ADR/RID: n/a

IMDG: n/a

IATA: n/a

14.5 Environmental hazard

Marine Pollutant: No

14.6 Special precautions for user

None known.

14.7 Transport to bulk according to Annex II of MARPOL and the IBC Code

Not applicable

Section 15: REGULATORY INFORMATION

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

This safety datasheet complies with the requirements of:

EU Commission Regulation (EU) 2020/878 (REACH)
EU Regulation (EC) No 1272/2008 (CLP)

EINECS: All components in this product are listed on the European Inventory of Existing Chemical Substance

15.2 Chemical safety assessment

For this product a chemical safety assessment was not carried out on this product.

Section 16: OTHER INFORMATION

Full List of Poison Centres for Section 1.4

COUNTRY	CONTACT DETAILS
Austria	Vergiftungsinformationszentrale (VIZ) Notruf 0–24 Uhr: +43 1 406 43 43 Bürozeiten: Montag bis Freitag, 8 bis 16 Uhr, Tel.: +43 1 406 68 98 Euro-Notruf: 112 Rettung: 144 Ärztefunkdienst: 141
Belgium	Federal Public Service (FPS) Health, Food Chain Safety and Environment Place Victor Horta 40/10, 1060 Brussels Email BPR: info.biocides (at) environment.belgium.be FPS Economy, Rue du Progrès, 50, B-1210 Brussels Telephone:+32 (0) 800 120 33 Fax: +32 (0) 2 277 53 04 Email: reachinfo (at) economie.fgov.be
Bulgaria	Национален токсикологичен информационен център Многопрофилна болница за активно лечение и спешна медицина "Н.И.Пирогов" Телефон за спешни случаи / факс: +359 2 9154 233 E-mail: poison_centre@mail.orbitel.bg http://www.pirogov.bg
Croatia	Ksaverska cesta 2, 10000 Zagreb T 01 2348 342
Cyprus	ΔΔΑ 1401 (ώρες λειτουργίας 24 ώρες/24ωρο, 7 ημέρες την εβδομάδα).
Czech Republic	Toxikologické informační středisko Na Bojišti 1 120 00 Praha 2 Telefon: +420 224 919 293, +420 224 915 402 Web: www.tis-cz.cz
Denmark	Bispebjerg hospital bispebjerg bakke 23e, opgang 20 c 2400 kbh nv Telefon: 8212 1212 e-mail: giftlinjen@regionh.dk
Estonia	Poison information telephone number (Mürgistusteabekeskuse number) is nationally 16662, calling from abroad (+372) 7943 794 Hotline 16662 of the Poisoning Information Centre is active 24/7. National poison information centre service in Estonia is accessible at www.16662.ee
Finland	Open 24 hours a day 0800 147 111 (the call is free of charge) 09 471 977
France	numéro ORFILA (INRS) : + 33 (0)1 45 42 59 59 Ces centres anti-poison et de toxicovigilance fournissent une aide médicale gratuite (hors coût d'appel), 24 heures sur 24 et 7 jours sur 7.
Germany	Berlin - Giftnotruf der Charité Universitätsmedizin Berlin CBF, Haus VIII (Wirtschaftgebäude), UG Hindenburgdamm 30, 12203 Berlin Tel. 030 - 192 40 (Notruf) Fax 030 - 450 569 901 mail@giftnotruf.de

<https://giftnotruf.charite.de>

Bonn - Informationszentrale gegen Vergiftungen
Klinik und Poliklinik für Allgemeine Pädiatrie
Zentrum für Kinderheilkunde, Universitätsklinikum Bonn
Gebäude 30, ELKI (Eltern-Kind-Zentrum)
Venusberg-Campus 1, 53127 Bonn
Tel. 0228 - 192 40 (Notruf)
Tel. 0228 - 287 332 19
Tel. 0228 - 287 334 80 (Sekretariat)
Fax 0228 - 287 332 78
info@giftzentrale-bonn.de

www.ukbonn.de

Erfurt - Giftnotruf Erfurt
Gemeinsames Giftinformationszentrum der Länder Mecklenburg-Vorpommern, Sachsen,
Sachsen-Anhalt und Thüringen
c/o HELIOS Klinikum Erfurt
Nordhäuser Straße 74, 99089 Erfurt
Tel. 0361 - 730 730
Fax 0361 - 730 731 7
ggiz@ggiz-erfurt.de
www.ggiz-erfurt.de

Freiburg - Vergiftungs-Informations-Zentrale
Zentrum für Kinder- und Jugendmedizin
Universitätsklinikum Freiburg
Mathildenstraße 1, 79106 Freiburg
Tel. 0761 - 192 40 (Notruf)
Fax 0761 - 270 445 70
giftinfo@uniklinik-freiburg.de
www.giftberatung.de

Göttingen - Giftinformationszentrum-Nord der Länder Bremen,
Hamburg, Niedersachsen und Schleswig-Holstein (GIZNord)
Universitätsmedizin Göttingen - Georg-August-Universität
Robert-Koch-Straße 40, 37075 Göttingen
Tel. 0551 - 192 40 (Notruf)
Fax 0551 - 383 188 1
giznord@giz-nord.de
www.giz-nord.de

Homburg - Informations- und Beratungszentrum für Vergiftungsfälle*
Klinik für Kinder- und Jugendmedizin
Universitätsklinikum des Saarlandes, Geb. 9
Kirrberger Str. 100
66421 Homburg/Saar * kein Firmenservice
Tel. 06841 - 192 40 (Notruf)
Tel. 06841 - 162 843 6 (Sekretariat)
Fax 06841 - 162 110 9
giftberatung@uniklinikumsaarland.de
www.uniklinikumsaarland.de/giftzentrale

Mainz - Giftinformationszentrum der Länder Rheinland-Pfalz und Hessen
-Klinische Toxikologie-
Universitätsmedizin der Johannes Gutenberg-Universität Mainz
Langenbeckstraße 1
Gebäude 601, 55131 Mainz
Tel. 06131 - 192 40 (Notruf)

	<p>Tel. 06131 - 232 466 (Infoline) Fax 06131 - 232 468 mail@giftinfo.uni-mainz.de www.giftinfo.uni-mainz.de</p> <p>München - Giftnotruf München Toxikologische Abteilung der II. Med. Klinik und Poliklinik, rechts der Isar der Technischen Universität München Ismaninger Straße 22, 81675 München Tel. 089 - 192 40 (Notruf) Fax 089 - 414 024 67 tox@lrz.tu-muenchen.de https://www.mri.tum.de/toxikologie-und-giftnotruf</p>		
Greece	<p>Poison Information Centre Children's Hospital P&A Kyriakou Athens 11762 Greece Director Dr P. Neou, Emergency number: (0030) 2107793777 Fax: 00302107486114 Email: poison_ic@aglaiakyriakou.gr available for consultation 24 hours/day, to medical professionals and the public</p>		
Hungary	<p>Cím: 1097 Budapest, Albert Flórián út 2-6. Sürgősségi információszolgáltatás mérgezés vagy annak gyanúja esetén: +36 80 201 199 (0-24 órában, díjmentesen hívható – csak Magyarországról) +36 1 476 6464 (0-24 órában, normál díj ellenében hívható – külföldről is)</p>		
Iceland	<p>Tel: 543 2222 or 112 or 543 1000 OPIÐ Allan sólarhringinn alla daga</p>		
Ireland	<p>National Poisons Information Centre: 353 (1) 809 2166 (8.00 a.m. to 10.00 p.m. 7 days a week). Healthcare Professionals: +353 (1)809 2566 (24 hour service)</p>		
Italy	CAV "Osp. Pediatric Child Jesus "Department of Emergency and DEA Acceptance	Rome	Piazza Sant'Onofrio, 00165 06 68593726 4
	Az. Osp. Univ. Foggia	Foggia	V.le Luigi Pinto, 1 71122 800183459
	Az. Osp. "A. Cardarelli"	Naples	Via A. Cardarelli, 9 80131 081-5453333
	CAV Polyclinic "Umberto I"	Rome	V.le del Policlinico, 155 161 06-49978000
	CAV Polyclinic "A. Gemelli"	Rome	Largo Agostino Gemelli, 8 168 06-3054343
	Az. Osp. "Careggi" Medical Toxicology Unit	Florence	Largo Brambilla, 3 50134 055-7947819
	CAV National Center for Toxicological Information	Pavia	Via Salvatore Maugeri, 10 27100 0382-24444
	Osp. Niguarda Ca 'Granda	Milan	Piazza Maggiore Hospital, 3 20162 02-66101029

	<p>Papa Giovanni XXII Hospital Bergamo OMS Square, 24127 800883300 1</p> <p>Verona Integrated Hospital Verona Piazzale Aristide Stefani, 1 37126 800011858</p>
Latvia	Valsts ugunsdzēsības un glābšanas dienests, phone number: 112. Toksikoloģijas un sepses klīnikas Saindēšanās un zāļu informācijas centrs, Hipokrāta 2, Rīga, Latvija, LV-1038, phone number +371 67042473. Service is available 24 hours.
Lithuania	Skambink telefonu 8-5 236 20 52
Luxembourg	070 245 245
Malta	Ministry for Health 15, Palazzo Castellania, Merchants Street, Valletta, VLT 1171 Telephone 2122 4071
Netherlands	UMC Utrecht Heidelberglaan 100 3584 CX Utrecht 088 75 688 90
Norway	Kontakt Giftinformasjonen hvis uhellet er ute 2200 13 59 Døgnåpen telefon.
Poland	Bureau for Chemical Substances 30/34 Dowborczykow Street, 90-019 Lodz, Poland 400 2538 42 48+ E-mail biuro(at)chemikalia.gov.pl https://www.chemikalia.gov.pl/
Portugal	Centro de Informação Antivenenos – CIAV Em caso de intoxicação, ligue 800 250 250 Morada Instituto Nacional de Emergência Médica Rua Almirante Barroso, 36 1000-013 Lisboa Telefone (Secretariado): 213 303 271 Fax: 213 303 275 E-mail: ciav.tox@inem.pt
Romania	Phone number: +40213183606
Slovakia	NATIONAL TOXICOLOGICAL INFORMATION CENTRE University Hospital Bratislava Limbová 5, 833 05 Bratislava Slovakia +421 2 5477 4166
Slovenia	Phone number: 112
Spain	Teléfono de emergencias: + 34 91 562 04 20 (Solo emergencias toxicológicas. Información en español (24h/365 días)
Sweden	Giftinformationscentralen Swedish Poisons Information Centre S-171 76 Stockholm SWEDEN När det är akut 112
United Kingdom	National Poisons Information Centre, Beaumont Hospital, Dublin 9, Ireland. Members of the public: In an emergency, if the patient has collapsed or is not breathing properly, call 999

For medical advice contact:

NHS 111 in England: 111

NHS 24 in Scotland: 111

NHS Direct in Wales: 111 or 0845 4647

In Northern Ireland: contact your local GP or pharmacist during normal hours; click here for GP services Out-of-Hours.

In Ireland: contact NPIC on (01) 809 2166 (8 am to 10 pm); outside of these hours contact your GP or hospital emergency department.

Training advice: Before using/handling the product one must read carefully present SDS.

Abbreviations and acronyms:

ADR:	Accord européen sur le transport des marchandises dangereuses par Route (European)
CAS:	Chemical Abstracts Service (division of the American Chemical Society)
CLP:	Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures.
DNEL:	Derived No Effect Level
EC50:	Half maximal effective concentration
EINECS:	European Inventory of Existing Commercial Chemical Substances
EU:	European Union
GHS:	Globally Harmonized System of Classification and Labeling of Chemicals
IATA:	International Air Transport Association
IBC:	International Bulk Code
IMDG:	International Maritime Code for Dangerous Goods
LC50:	Lethal concentration, 50 percent
LD50:	Lethal dose, 50 percent
MARPOL:	International Convention for the Prevention of Pollution from Ships
OEL:	Occupational Exposure Level
PBT:	Persistent, Bioaccumulative and Toxic
PNEC:	Predicted No Effect Level
REACH:	Registration, Evaluation, Authorisation and Restriction of Chemicals
SCBA:	Self Contained Breathing Apparatus
SCL:	Specific Concentration Limits
UN:	United Nations
VPvB:	Very Persistent and very Bioaccumulative
WEL:	Workplace Exposure Limit

Document history

Version no. 2

Initial date of issue: 1st May 2023

Supersedes: 27th December 2018

Reason for update: To comply with Commission Regulation (EU) 2020/878.

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