SAFETY DATA SHEET

Date of update: 17.03.2022

VERSION: 1.0/EN

OA LEATHER&WOOL RINSE

drawn up in accordance with Commission Regulation (EU) **No 2020/878** of 18 June 2020 amendingYm Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

1 SECTION 1: IDENTIFICATION OF SUBSTANCE/MIXTURE AND COMPANY IDENTIFICATION

1.1 Product ID

OA LEATHER&WOOL RINSE

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

Uses identified: Rinse gel
SU 22 Professional Applications.
PC35 Cleaning and cleaning agents (including solvent-based products)
Applications discouraged:. They are not known

1.3 Datasheet supplier details

Fabb Sp. z o.o.
Hive. Komorowicka 39-41
PL 43-300 Bielsko-Biala
Phone: 334711174
oaisfair.com
e-mail: fabb@fabb.pl

1.4 Emergency phone number

Emergency phone number in Poland (open from 8:00 a.m. to 4:00 p.m.): +48 608 47 47 45
112 (emergency phone), 998 (fire brigade), 999 (medical emergency)

2 SECTION 2:HAZARD IDENTIFICATION

2.1 Classification of the substance or mixture

Classification in accordance with Regulation (EC) No 1272/2008:
Hazards due to physicochemical properties:
The mixture is not classified as hazardous in terms of physicochemical properties.
Health risks
Eye irritation Hazard category 2 [Eye Irrit. 2]
Irritating to eyes (H319)
Environmental hazards:
The mixture does not pose a threat to the environment. Under normal conditions of use, no effects on the environment are known or predicted

2.2 Label elements

Pictogram

GHS07
Signal word:
REMARK
Names of hazardous ingredients on the label:
Not applicable
Hazard statement(s)
H319 Irritating to eyes
Prevention:
P102 Keep out of reach of children
P280 Wear eye protection/face protection.

Responding:
P305 + P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if they are and can be easily removed. Continue to rinse.
P337 + P313 If eye irritation persists: Seek medical advice/attention.
Complementary label elements:
EUH208 contains [1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethane-1-one (iso e super)] May cause allergic reaction.
Warehouse in accordance with Regulation 648/2004/EC
Contains: <5% Non-ionic surfactants; compositionand fragrancesa [HEXYL CINNAMAL; ALPHA-ISOMETHYL IONONE; LINALOOL; Citronellol]

2.3 Other threats

The substances contained in the product do not meet the PBT or vPvB criteria according to Annex XIII of REACH. The product shall not contain substances on the list drawn up in accordance with Article 59(1) due to endocrine disrupting properties or substances identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 (3) or Commission Regulation (EU) 2018/605 in a concentration equal to or greater than 0,1 % by weight.
PBT substances (persistent, bioaccumulative and toxic substances)
vPvB substances (very persistent and very bioaccumulative substances)

3 SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

3.1 Substance:

Nie not applicable

3.2 Mixture

Identification numbers	Chemical name	Ul. mass in %	Classification in accordance with Regulation (EC) No 1272/2008		
			Pictogram, signal code	Hazard class and category codes	Hazard statement codes
CAS: 5949-29-1 EC (EINECS): 201-069-1 Index number: Registration numberof the competent register: 01-2119457026-42-xxxx	Citric acid	≤10	GHS07 Hag	Eye Irr. 2	H319
CAS: 103818-93-5 EC (EINECS): Index number: Registration numberresponsible: REACH exemption: Polymer.	Alcohols, C9-11, ethoxylated propoxylated	1<x<4	GHS07 Hag	Acute Tox. 4 Eye Irrit. 2,	H302 H319
CAS: 64-17-5 EC (EINECS): 200-578-6 Index number: 603-002-00-5 Numer r proper registration: 01-2119457610-43-xxxx	Ethyl alcohol [1]	1<X<4	GHS02 GHS07 Dgr	Flam. Liq. 2 Eye Irrit. 2	H225 H319
CAS: 54464-57-2 EC (EINECS): 259-174-3 Index number: Numer r of the relevant registration:	1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethane-1-one (ISO e supeR)	≤0.1	GHS07 GHS09 Hag	Skin Irrit. 2 Skin Sens. 1 Aquatic Chronic 2	H315 H317 H411

[1] Substance with a nationally defined occupational exposure limit. See section 8
The full wording of H-phrases is given in point 16. Safety data sheets.

4 SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

Inhalation: Lead or remove the injured person from the exposure area, put in a comfortable semi-reclining or sitting position, provide calm, protect against heat loss. Control the breathing of the victim – in case of such a need (lack of breath), use artificial respirationand provide medical assistance.

Skin contact: Remove contaminated clothing and wash the skin thoroughly with lukewarm, running water.

Contact with eyes:Rinse with plenty of cool water, preferably running, for at least 15 minutes. Remove contact lenses. Avoid strong jets of water due to the risk of mechanical damage to the cornea. If the irritation persists, you should consult an ophthalmologist.

Gastrointestinal tract: Provide medical assistance. DO NOT vomit without consulting your doctor. Rinse mouth with plenty of water. Call a doctor.

4.2 The most important acute and delayed symptoms and effects of exposure

In contact with skin: Prolonged exposure may cause an allergic reaction.
In contact with eyes: Irritating. Contact provokes watery eyes, eye irritation.
When swallowed: Possible nausea, abdominal pain, vomiting.
After inhalation: Inhalation of vapours may cause nausea and vomiting

4.3 Indications for any immediate medical attention and special treatment of the victim

Show the safety data sheet or label/pack to the treating medical professional. Treat symptomatically.

5 SECTION 5: FIRE MANAGEMENT

5.1 Extinguishing agents

Suitable extinguishing agents:
Foam, carbon dioxide, extinguishing powders, water – diffuse currents.
Unsuitable extinguishing agents:
Strong, compact stream of water - the risk of spreading fire.

5.2 Particular hazards of the substance or mixture

6 During combustion, toxic combustion products, m.in carbon monoxides and other unidentified thermal decomposition products, may be formed. Avoid inhaling combustion products, as they may pose a health risk

6.1 Information for the fire brigade

Apply general protective measures typical of fire. Do not stay in a fire hazard zone without appropriate chemical-resistant clothing and breathing apparatus with independent air circulation. Do not allow extinguishing water to enter the sewage system, surface water and groundwater.

6 SECTION 6: HANDLING OF UNINTENTIONAL RELEASES TO THE ENVIRONMENT

6.1 Personal precautions, protective equipment and emergency procedures

For persons not belonging to the assisting staff:
Restrict bystander access to the area of failure until the appropriate cleanup operations have been completed. In the case of large releases, isolate the affected area. Do not inhale vapours. Avoid contact with skin and eyes. Wear personal protective equipment. Ensure adequate ventilation.
For helpers:
Ensure that the recovery of failures and its consequences is carried out only by trained personnel. Wear personal protective equipment. Remove ignition sources.

6.2 Environmental precautions

Where larger quantities of product are released, steps must be taken to prevent it from spreading in the environment. Notify the relevant emergency services

6.3 Methods and materials to prevent the spread of contamination and to remove contamination

Small leak: Collect with mop, paper towel and place in waste containers
Large leakage: Collect the product with liquid-absorbing materials (e.g. sand, with pulacea, universal binders, silica, etc.) and place it in waste containers. Do not mix with other waste. Treat the collected material as waste. Clean and ventilate the contaminated area well.

6.4 References to other sections

For information on suitable personal protective equipment, see section 8. Waste management: see section 13.

7 SECTION 7: HANDLING AND THEIR HANDLING OF SUBSTANCES AND MIXTURES

STORAGE

7.1 **Precautions for safe handling**

Work in accordance with the rules of health and safety. Avoid eye and skin contamination. Keep unused containers tightly closed. Use as intended. Ensure adequate ventilation of the rooms in which the product is stored and used. Do not inhale vapours. Do not smoke

7.2 **Conditions for safe storage, including information on any incompatibilities**

Store only in a cool and well-ventilated place. Separated from food, foodstuffs and animal feed. Avoid direct sunlight, heat sources and ignition. Separated from incompatible substances (see section 10). Packages that have already been opened seal and store upright to avoid leakage.

7.3 **Specific end use(s)**

See section 1.2 of the SDS.
No information on other uses.

8 SECTION 8: EXPOSURE CONTROL/PERSONAL PROTECTIVE EQUIPMENT

8.1 **Control parameters**

EN: Ethanol 64-17-5	
NDS	1900 mg/m^3

Legal basis:

Regulation of the Minister of Family, Labour and Social Policy of 12 June 2018 on the maximum allowable concentrations and intensities of factors harmful to health in the work environment Journal of Laws 2018.1286 of 2018.07.03, **as amended**[Journal of Laws 2020.61, 17.01.2020]

Regulation of the Minister of Development, Labour and Technology of 18 February 2021 amending the Regulation on the maximum allowable concentrations and intensities of factors harmful to health in the work environment **[Journal of Laws of 2021, item 325]**

Regulation of the Minister of Health of 2 February 2011 on research and measurement of factors harmful to health in the work environment (Journal of Laws No. 33, item 166, 2011).

Regulation of the Minister of Health of 30 December 2004 on occupational health and safety related to the occurrence of chemical agents in the workplace (Journal of Laws No. 11, item 86, 2005). **Consolidated text: Journal of Law 2016, item 1488**

DNEL/PNEC

Citric acid 5949-29-1	
PNEC	
Freshwater	0.44 mg/L
Sea water	0.044 mg/L
Wastewater treatment plant (STP)	1000 mg/L
Sediment (fresh water)	34.6 mg/kg
Sediment (sea water)	3,46 mg/kg
Soil	33.1 mg/kg
Intermittent release	--------
DNEL	
DNELs have not been determined	
Ethanol (64-17-5)	
DNEL/DMEL (Employees)	
Exposure - local inhalation	1900 mg/m³
Long-term exposure - general skin effects	343 mg/kg body weight/day
Long-term exposure - general effects of inhalation	950 mg/m³
DNEL/DMEL (General population)	
Exposure - local inhalation	950 mg/m³
Long-term exposure - general effects orally	87 mg/kg body weight/day
Long-term exposure - general effects of inhalation	114 mg/m³
Long-term exposure - general skin effects	206 mg/kg body weight/day
PNEC (Water)	
PNEC water (fresh water)	0.96 mg/l
PNEC water (salt water)	0.79 mg/l

PNEC (Sediment)	
PNEC Sediment (fresh water)	3.6 mg/kg
PNEC Sediment (seawater)	2.9 mg/kg
PNEC (Soil)	
PNEC Soil	0.63 mg/kg
PNEC (STP)	
PNEC Wastewater treatment plants	580 mg/l

Recommended monitoring procedures

Procedures shall be used to monitor concentrations of hazardous components in the air and to control the air purity at the workplace - where available and justified at the workplace - in accordance with the relevant Polish or European Standards, taking into account the conditions prevailing at the site of exposure and appropriate measurement methodologies adapted to the operating conditions. The mode, type and frequency of tests and measurements should meet the requirements contained in the Regulation of the Ministry of Health of 2 February 2011 (Journal of Laws of 2011 No. 33, item 166).

8.2 **Exposure control**

8.2.1 Appropriate technical control measures

Necessary local and general ventilation. In the case of poor ventilation, use breath protection.

8.2.2 Personal protective equipment, such as personal protective equipment

Observe general safety and hygiene rules. During work, do not eat, drink or smoke. Ensure adequate ventilation. Before the break and after finishing work, wash your hands thoroughly. Avoid eye contamination.

Respiratory protection: No ventilation is required for adequate ventilation. In the event of high vapour concentrations, failure or exceeding the maximum concentrations, use suitable respiratory protective equipment with a suitable organic vapour absorber.

Hand protection: Wearchemical-resistant protective gloves. Recommended material for gloves: butyl rubber, nitrile rubber, neoprene.

In the case of short-term contact, use protective gloves with an effectiveness level of 2 or more (puncture time > 30 minutes). In case of prolonged contact, use protective gloves with an effectiveness level of 6 (puncture time > 480 minutes). Wear protective clothing.

The material from which the gloves are made must be impermeable and resistant to the product. The resistance of the materials from which the gloves are made must be checked before use. Information on the time of penetration of substances through the gloves should be obtained from the glove manufacturer and this time must be observed. It is recommended to change gloves regularly and replace them immediately if there are any signs of wear, damage (tearing, perforation) or changes in appearance (color, elasticity, shape).

Skin and body protection: Recommended use of typical workplace work clothing

Eye protection: Wear sealed safety glasses

The workplace should be equipped with a shower and a position for rinsing eyes.

8.2.3 Environmental exposure control

Protect against introduction into the municipal water and sewage system and watercourses. Possible emissions from ventilation systems and process equipment should be checked to determine their compliance with the requirements of environmental law.

9 SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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

Physical state:Liquid,Gel

Color: Colorless

Fragrance: Pleasant

Melting point/freezing point:No data available

Boiling point and boiling range: No data available

Flammability of materials : Non-flammable

Lower and upper explosion limits: No data available

Flash point: >60^{0}C

Auto-ignition temperature [gases, liquids]: No data available

pH: 3

Kinetic viscosity [mm^2/s]: No data available

Solubility:	Water soluble
Partition coefficient: n-octanol/water:	No data available
Vapour pressure at 50 ºC:	No data available
Vapour pressure at 20 ºC:	No data available
Relative density:	No data available
Relativey-pair density:	No data available
Particle characteristics [solid]:	Not applicable -liquid

9.2 **Other information**

9.2.1 Information on physical hazard classes
No further information

9.2.2 Other safety features
No further information

10 SECTION 10:STABILITY and REACTIVITY

10.1 **Reactivity**
In conditions of storage and handling as intended – no reactivity.

10.2 **Chemical stability**
The product in conditions of proper storage and use (from 0 to 40 degrees Celsius, without prolonged exposure of sunlight) chemically stable

10.3 **Possibility of dangerous reactions**
Under normal conditions of storage and use, no hazardous reactions will occur.

10.4 **Conditions to avoid**
High temperatures, open flame and other ignition sources, moisture

10.5 **Incompatible materials**
Oxidizers

10.6 **Hazardous decomposition products**
Depending on the conditions of decomposition, complex mixtures of chemical substances can be released as a result: carbon monoxide (CO2), carbon monoxide and other organic compounds. For more information, see section 5.

11 SECTION 11:TOXICOLOGICAL INFORMATION

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

Toxicity of mixture components

Citric acid [5949-29-1]
LD50 orally, rat 3000 mg/kg
LD50 skin, rat 5500 mg/kg
Ethanol 64-17-5
Oral LD50 10470 mg/kg Rat:
Inhalation LC50 125mg/l [4h] Rat

Estimated acute toxicity of the mixture

ATE MIX orally (mg/kg): >2.000,0 [Estimated] Based on the available data, the classification criteria are not met
ATE MIX leather (mg/kg): >2.000,0 [estimated] Based on the available data, the classification criteria are not met
ATE MIX inhalation (mg/l/4h): >20 [estimated] Based on the available data, the classification criteria are not met
The acute toxicity of the mixture (ATEmix) has been calculated on the basis of the relevant conversion factor contained in Table 3.1.2 of Annex I to the CLP Regulation and subsequent dates. d.

Skin corrosion/irritation:
Based on the available data, the classification criteria are not met
Serious eye damage/eye irritation
Irritating to eyes
Respiratory or skin sensitisation
EUH208 contains [1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethane-1-one (iso e super)] May cause allergic reaction.
Dcarcinogenic
Based on the available data, the classification criteria are not met
Dgerm cell mutagenic;

Based on the available data, the classification criteria are not met
Reproductive toxicity:
Based on the available data, the classification criteria are not met
Specific target organ toxicity – single exposure:
Based on the available data, the classification criteria are not met
Specific target organ toxicity — repeated exposure:
Based on the available data, the classification criteria are not met
Aspiration hazard:
Based on the available data, the classification criteria are not met
Information on likely routes of exposure
In contact with skin: Prolonged exposure may cause an allergic reaction.
In contact with eyes: Irritating. Contact provokes watery eyes, eye irritation.
When swallowed: Possible nausea, abdominal pain, vomiting.
After inhalation: Inhalation of vapours may cause nausea and vomiting
After inhalation: Inhalation of vapours may cause headache and dizziness, nausea and vomiting

11.2 Information about other threats

Endocrine disrupting properties:
The components of the mixture have no effect on the functioning of the endocrine system in accordance with the assessment criteria set out in Regulations: (EC) No 1907/2006, (EU) 2017/2100, (EU) 2018/605
Other information:
They are not known

12 SECTION 12:ECOLOGICAL INFORMATION

12.1 Toxicity

Toxicity of the mixture

The mixture does not pose a threat to the environment. Under normal conditions of use, no effects on the environment are known or predicted

To minimize long-term global pollution, consider the following:

- Reduce the consumption of disposable products and packaging.
- Participation in recycling activities
- Do not allow the product to enter water, sewage or soil

Toxicity of mixture components

Citric acid [5949-29-1]
LC50 1516 mg/L (96 h) Lepomis macrochirus fish
EC50 120 mg/L (48 h) Daphnia magna Crustaceans
Ethanol 64-17-5
LC50 11200 mg/L Fish 96 h

12.2 Durability and degradability

Surfactants contained in the product shall be biodegradable in accordance with Regulation (EC) No 648/2004

12.3 Bioaccumulation potential

The mobility of substances depends on their hydrophilic and hydrophobic properties as well as abiotic and biotic conditions of the soil, including its structure, climatic conditions, season (in Poland, in a variable temperate climate) and soil organisms, mainly (bacteria, fungi, algae, invertebrates).

12.4 PBT and vPvB assessment results

Substances in the product are not evaluated as PBT and vPvB

12.5 Endocrine disrupting properties

It does not contain substances whose effects may have adverse effects on the environment due to endocrine disrupting properties in accordance with the criteria set out in Regulations [(EC) No 1907/2006, (EU) 2017/2100, (EU) 2018/605)]

12.6 Other harmful effects

The mixture is not classified as hazardous to the ozone layer. Other adverse effects on the environment (e.g. endocrine disrupting potential, increase in global warming) shall be considered.

13 SECTION 13: WASTE MANAGEMENT

13.1 **Waste disposal methods**

Notes on the mixture:

Current hazardous chemical waste regulations must be observed during disposal.

Waste generation should be avoided or minimised as far as possible. Packaging waste should be recycled. Incineration or landfilling should only be considered if recycling is not possible.

Assign the waste code at the place of its production

20 01 29* Detergents containing dangerous substances

Legal basis:

Act of 14 December 2012 on waste (Journal of Laws No. 0, item 21) **Consolidated text Journal of Law 2018, item 21**

Regulation of the Minister of Climate of 2 January 2020 on the waste catalogue, **Journal of Laws of 2020, item 10**

Act of 12 October 2017 amending the act on packaging and packaging waste management and some other acts Dz.U. 2017, item 2056

14 SECTION 14:TRANSPORT INFORMATION

14.1 **UN number or ID**

The product is not subject to the regulations on the carriage of dangerous goods contained in ADR (road transport), RID (rail transport), IMG (sea transport), ICAO / IATA (air transport).

14.2 **Correct shipping name UN**

Not applicable

14.3 **Transport hazard class(s)**

Not applicable

14.4 **Packing group**

Not applicable

14.5 **Environmental hazards**

The product does not posea threat to the environment in accordance with the criteria contained in the UN Model Regulations.

14.6 **Special precautions for users**

No special precautions.

14.7 **Bulk sea transport in accordance with IMO instructions**

Not applicable.

15 SECTION 15:REGULATORY INFORMATION

15.1 **Safety, health and environmental legislation specific to a substance or mixture**

1. **1907/2006/EC** Regulation concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulations (EEC) No 793/93 and No 1488/94 as well as Council Directives 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.
2. **1272/2008/EC Regulation of the European Parliament and of the Council of 16 December 2008** on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.
3. Regulation of the Minister of Health of 20 April 2012 on the labelling of packaging of hazardous substances and hazardous mixtures and certain mixtures (Journal of Laws of 2012 No. 0, item 445). **Consolidated text Journal of Law 2015, item 450**
4. Regulation of the Minister of Family, Labour and Social Policy of 12 June 2018 on the maximum allowable concentrations and intensities of factors harmful to health in the work environment Journal of Laws 2018.1286 of 2018.07.03
5. Act of 24 November 2017 amending the act on waste and some other acts, Journal of Laws of 2017, item 2422
6. Act of 12 October 2017 amending the act on packaging and packaging waste management and some other acts, Journal of Laws of 2017, item 2056
7. Act on the transport of dangerous goods of 19 August 2011 (Journal of Laws 227; item 1367) Consolidated text Journal of Law 2020, item **154,875**
8. Government Declaration of 15 February 2021 on the entry into force of amendments to Annexes A and B to the European Agreement concerning the International Carriage of Dangerous Goods by Road (ADR), done at Geneva on 30 September 1957 (**Journal of Laws of 2021, item 874)**

15.2 **Chemical safety assessment**

The supplier has not carried out a chemical safety assessment. For a mixture, a safety report is not required.

16 SECTION 16:OTHER INFORMATION

Other data sources:
IUCLID Data Bank (European Commission – European Chemicals Bureau).
ESIS – European Chemical Substances Information System (European Chemicals Bureau).

Card issued by: Małgorzata Krenke
Feed Reach Consulting; Email: biuro@frc.com.pl

The above information was based on currently available data characterizing the product and the experience and knowledge possessed in this area by the manufacturer. The data contained in the Charter should be considered only as an aid to the safe handling of transport, distribution, use and storage. The card is not a certificate of product quality. Andthe information contained in the Charter applies only to the eponymous product and cannot be current or sufficient for this product used in combination with other materials or different applications. The user of the product is obliged to comply with all applicable standards and regulations and is also liable for improper use of the information contained in the Charter or improper use of the product

Classification and procedures used to classify the mixture in accordance with Regulation (EC) 1272/2008 [CLP]		
Skin Sens 1	H317	Calculation method

H-phrases (indicating hazard) **used in points 2 and 3. Safety data sheets:**

H315	Irritating to the skin;
Skin Irrit. 2	Skin irritation Hazard category 2
H319	Irritating to the eyes.
Eye Irrit. 2	Eye irritation Hazard category 2
H302	Harmful if swallowed
Acute Tox 4	Acute toxicity (oral), Hazard category 4
H225	Highly flammable liquid and vapour
Flam. Liq. 2	Flammable liquid Hazard category 2
H411	Toxic to aquatic life, causing long-lasting effects.
Aquatic Chronic 2	Sfacing a threat to the aquatic environment Hazard category 2.
H317	May cause an allergic skin reaction.
Skin Sens. 1	Skin sensitisation Hazard category 1

Explanation of abbreviations and acronyms

PRICES	European Committee for Standardisation
C&L	Classification and labelling
CLP	Regulation on classification, labelling and packaging; Regulation (EC) No 1272/2008
CAS	Chemical Abstract Service Number
.COM	European Commission
CMR	Carcinogenic, mutagenic or toxic to reproduction
CSA	Chemical safety assessment
CSR C	Chemical safety report
DMEL	Derived level causing minimal change
DNEL	Derived no-change level
DPD	Dangerous Preparations Directive 1999/45/EC
DSD	Dangerous Substances Directive 67/548/EEC
EC	European Commission
EC_{50}	Mean effective concentration
ECB	Bureau of Chemicals
ECHA	European Chemicals Agency
EC	Einecs and ELINCS number (see also Einecs and ELINCS)
EINECS	European list of existing commercial substances
ELINCS	European Chemical List

EN	European standard
EU	European Union
GHS	Globally Harmonized System of Classification and Labelling of Chemicals
IC_{50}	Concentration causing 50 percent inhibition of a parameter
IUCLID	International Unified Database on Chemicals
IUPAC	International Union of Pure and Applied Chemistry
LC_{50}	Mean lethal concentration
LD_{50}	Average lethal dose
MSDS	Safety data sheet
PBT	Persistent, bioaccumulative and toxic
PEC	Predicted environmental concentration
PNEC(s)	Predicted concentration with no effect on the environment
EPP	Personal protective equipment
REACH	Regulation (EC) No 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals
SDS	Safety data sheet
SIEF	Substance Information Exchange Forum
STOT	Specific target organ toxicity
(STOT) RE	Repeated exposure
(STOT) SE	Single exposure
SVHC	Substances of very high concern
vPvB	Very persistent and very bioaccumulative substances
UN number	Material identification number in accordance with the ADR agreement.
ADR	International Convention concerning the Carriage of Dangerous Goods and Goods by Road
RID	Regulations for the International Carriage of Dangerous Goods by Rail).
IMGD	International Dangerous Goods Code.
IATA	International Air Transport Association
ICAO	International Civil Aviation Organization
MARPOL	International Convention for the Prevention of Pollution from Ships (MARPOL)
Ems	Emergency response procedures for ships carrying dangerous goods
NDS	Maximum concentration at the workplace (TLV-TWA) (OEL-TWA) (PEL-TWA
NDSCh	Maximum instantaneous concentration (TLV-STEL)
NDSP	Maximum Ceiling Concentration (TLV-CL)

Training

Before working with the product, the user should familiarize himself with the health and safety rules regarding the handling of chemicals, and in particular undergo appropriate on-the-job training