

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

1.1 Product identifier

Oxim Ultra – Rust Loosener Spray
Article number: 2894444

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

1.2.1 Relevant uses

Rust removing agent

1.2.2 Uses advised against

None known.

1.3 Details of the supplier of the safety data sheet

Company

Normfest GmbH
Siemensstraße 23
42551 Velbert / GERMANY
Phone +49 2051 275-0
Fax +49 2051 275-141
Homepage www.normfest.com
E-mail info@normfest.de

Address enquiries to

Technical information

info@normfest.de

Safety Data Sheet

sdb@chemiebuero.de (No dispatch of safety data sheets)

Safety data sheets are available from the supplier.

1.4 Emergency telephone number

Advisory body

Call NHS 111 or a doctor

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture [REGULATION (GB) CLP]

Aerosol 1: H222 Extremely flammable aerosol. H229 Pressurised container: May burst if heated.

Asp. Tox. 1: H304 May be fatal if swallowed and enters airways.

2.2 Label elements

The product is required to be labelled in accordance with regulation CLP.

The determination of properties hazardous to health does not take the propellant or carrier material into account.

Hazard pictograms



Signal word

DANGER

Hazard statements

H222 Extremely flammable aerosol.

H229 Pressurised container: May burst if heated.

Precautionary statements

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P211 Do not spray on an open flame or other ignition source.

P251 Do not pierce or burn, even after use.

P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C / 122°F.

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

Special labelling

EUH066 Repeated exposure may cause skin dryness or cracking.

Cleaner, 648/2004/CE, contains:

>=30% aliphatic hydrocarbons
perfumes COUMARIN
perfumes

2.3 Other hazards

Environmental hazards	Does not contain any PBT or vPvB substances.
Other hazards	Further hazards were not determined with the current level of knowledge. Contains no ingredients with endocrine-disrupting properties.

SECTION 3: Composition / Information on ingredients

3.1 Substances

not applicable

3.2 Mixtures

The product is a mixture.

Range [%]	Substance
70 - <80	Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics EINECS/ELINCS: 918-481-9, Reg-No.: 01-2119457273-39-XXXX GHS/CLP: Asp. Tox. 1: H304 - EUH066
10 - <15	Distillates (petroleum), hydrotreated light paraffinic CAS: 64742-55-8, EINECS/ELINCS: 265-158-7, EU-INDEX: 649-468-00-3 GHS/CLP: Asp. Tox. 1: H304 - EUH066
10 - <15	Distillates (petroleum), hydrotreated light naphthenic CAS: 64742-53-6, EINECS/ELINCS: 265-156-6, EU-INDEX: 649-466-00-2, Reg-No.: 01-2119480375-34-XXXX GHS/CLP: Asp. Tox. 1: H304
2.5 - <5	2-Butoxyethanol CAS: 111-76-2, EINECS/ELINCS: 203-905-0, EU-INDEX: 603-014-00-0 GHS/CLP: Acute Tox. 4: H302 - Acute Tox. 3: H331 - Eye Irrit. 2: H319 - Skin Irrit. 2: H315
2 - <5	Carbon dioxide (EU occupational exposure limit value) CAS: 124-38-9, EINECS/ELINCS: 204-696-9 GHS/CLP: Press. Gas (Refrigerated liquefied gas): H281
0.5 - <1	Propan-2-ol CAS: 67-63-0, EINECS/ELINCS: 200-661-7, EU-INDEX: 603-117-00-0, Reg-No.: 01-2119457558-25-XXXX GHS/CLP: Flam. Liq. 2: H225 - Eye Irrit. 2: H319 - STOT SE 3: H336
0.1 - <0.5	3-ethoxy-4-hydroxybenzaldehyde CAS: 121-32-4, EINECS/ELINCS: 204-464-7 GHS/CLP: Eye Irrit. 2: H319
0.01 - <0.1	Coumarin CAS: 91-64-5, EINECS/ELINCS: 202-086-7 GHS/CLP: Acute Tox. 4: H302 - Skin Sens. 1: H317

Comment on component parts	Substances of Very High Concern - SVHC: substances are not contained or are below 0.1%. For full text of H-statements: see SECTION 16.
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SECTION 4: First aid measures

4.1 Description of first aid measures

General information	Change soaked clothing.
Inhalation	Ensure supply of fresh air. In the event of symptoms seek medical treatment.
Skin contact	When in contact with the skin, clean with soap and water. Consult a doctor if skin irritation persists.
Eye contact	In case of contact with eyes rinse thoroughly with plenty of water and seek medical advice.
Ingestion	Do not induce vomiting. In the event of symptoms seek medical treatment.

4.2 Most important symptoms and effects, both acute and delayed

Irritant effects

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.
If swallowed or in the event of vomiting, risk of product entering the lungs.

SECTION 5: Fire-fighting measures

5.1 Extinguishing media

Suitable extinguishing media Carbon dioxide.
Water spray jet.
Dry powder.
Alcohol-resistant foam.

Extinguishing media that must not be used Full water jet.

5.2 Special hazards arising from the substance or mixture

risk of formation of toxic pyrolysis products, carbon monoxide (CO), not combusted hydrocarbons
Bursting aerosols can be forcibly projected from a fire.

5.3 Advice for firefighters

Use self-contained breathing apparatus.
Fire residues and contaminated firefighting water must be disposed of in accordance with the local regulations.
Cool containers at risk with water spray jet.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Keep away from all sources of ignition.
Ensure adequate ventilation.
Use personal protective equipment (protective gloves, safety glasses, protective clothing).
High risk of slipping due to leakage/spillage of product.

6.2 Environmental precautions

Do not discharge into the drains/surface waters/groundwater.

6.3 Methods and material for containment and cleaning up

Take up mechanically.
Take up residues with absorbent material (e.g. sand, sawdust, general purpose binder, diatomaceous earth).
Dispose of absorbed material in accordance with the regulations.

6.4 Reference to other sections

See SECTION 8+13

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Use only in well-ventilated areas.
Use solvent-resistant equipment.
Keep away from all sources of ignition - Refrain from smoking.
Vapours can form an explosive mixture with air.
Do not eat, drink, smoke or take drugs at work.
Wash hands before breaks and after work.
Use barrier skin cream.

7.2 Conditions for safe storage, including any incompatibilities

Do not store together with oxidizing agents.

Keep container in a well-ventilated place.

Keep in a cool place, heat causes increase in pressure and risk of bursting.

Protect from heat/overheating.

7.3 Specific end use(s)

See product use, SECTION 1.2

SECTION 8: Exposure controls / personal protection

8.1 Control parameters

Ingredients with occupational exposure limits to be monitored (GB)

Substance
Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics
EINECS/ELINCS: 918-481-9, Reg-No.: 01-2119457273-39-XXXX
Long-term exposure: 800 mg/m ³
Distillates (petroleum), hydrotreated light naphthenic
CAS: 64742-53-6, EINECS/ELINCS: 265-156-6, EU-INDEX: 649-466-00-2, Reg-No.: 01-2119480375-34-XXXX
Long-term exposure: 5 mg/m ³ , ACGIH, Oil mist
Distillates (petroleum), hydrotreated light paraffinic
CAS: 64742-55-8, EINECS/ELINCS: 265-158-7, EU-INDEX: 649-468-00-3
Long-term exposure: 5 mg/m ³ , ACGIH TLV (OIL MIST)
Carbon dioxide (EU occupational exposure limit value)
CAS: 124-38-9, EINECS/ELINCS: 204-696-9
Long-term exposure: 5000 ppm, 9150 mg/m ³
Short-term exposure (15-minute): 15000 ppm, 27400 mg/m ³
2-Butoxyethanol
CAS: 111-76-2, EINECS/ELINCS: 203-905-0, EU-INDEX: 603-014-00-0, Reg-No.: 01-2119475108-36-XXXX
Long-term exposure: 25 ppm, 123 mg/m ³ , Sk, BMGV
Short-term exposure (15-minute): 50 ppm, 246 mg/m ³

Ingredients with occupational exposure limits to be monitored (EU)

Substance / EC LIMIT VALUES
Carbon dioxide (EU occupational exposure limit value)
CAS: 124-38-9, EINECS/ELINCS: 204-696-9
Eight hours: 5000 ppm, 9000 mg/m ³
2-Butoxyethanol
CAS: 111-76-2, EINECS/ELINCS: 203-905-0, EU-INDEX: 603-014-00-0, Reg-No.: 01-2119475108-36-XXXX
Eight hours: 20 ppm, 98 mg/m ³ , H
Short-term (15-minute): 50 ppm, 246 mg/m ³

DNEL

Substance
Distillates (petroleum), hydrotreated light naphthenic, CAS: 64742-53-6
There are no DNEL values established for the substance.
Propan-2-ol, CAS: 67-63-0
Industrial, dermal, Long-term - systemic effects, 888 mg/kg bw/day
Industrial, inhalative, Long-term - systemic effects, 500 mg/m ³
general population, oral, Long-term - systemic effects, 26 mg/kg
general population, dermal, Long-term - systemic effects, 319 mg/kg bw/day
general population, inhalative, Long-term - systemic effects, 89 mg/m ³

PNEC

Substance
Distillates (petroleum), hydrotreated light naphthenic, CAS: 64742-53-6
There are no PNEC values established for the substance.

Propan-2-ol, CAS: 67-63-0
sewage treatment plants (STP), 2251 mg/l
soil, 28 mg/kg
sediment (seawater), 552 mg/kg
sediment (freshwater), 552 mg/kg
seawater, 140.9 mg/l
freshwater, 140.9 mg/l

8.2 Exposure controls

Additional advice on system design	Ensure adequate ventilation on workstation. Measurement methods for taking workplace measurements must meet the performance requirements of DIN EN 482. For example, recommendations are given in the IFA's list of hazardous substances.
Eye protection	Safety glasses. (EN 166:2001)
Hand protection	>0.7 mm Nitrile rubber, >480 min (EN 374-1/-2/-3). The details concerned are recommendations. Please contact the glove supplier for further information.
Skin protection	Protective clothing (EN 340)
Other	Avoid contact with eyes and skin. Do not inhale gases/vapours/aerosols. Personal protective equipment should be selected specifically for the working place, depending on concentration and quantity handled. The resistance of this equipment to chemicals should be ascertained with the respective supplier.
Respiratory protection	In the event of occupational exposure limits being exceeded or of inadequate ventilation: wear appropriate respiratory protection. Short term: filter apparatus, filter AX (DIN EN 14387).
Thermal hazards	See SECTION 7.
Delimitation and monitoring of the environmental exposition	See SECTION 6+7.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state	liquid
Form	aerosol
Color	colourless
Odor	solvent-like
Odour threshold	not determined
pH-value	not applicable
pH-value [1%]	not applicable
Boiling point [°C]	not applicable
Flash point [°C]	not applicable
Flammability (solid, gas) [°C]	not applicable
Lower explosion limit	not determined
Upper explosion limit	not determined
Oxidising properties	no
Vapour pressure/gas pressure [kPa]	not determined
Density [g/cm ³]	0.82 (20 °C / 68,0 °F)
Relative density	not determined
Bulk density [kg/m ³]	not applicable
Solubility in water	immiscible
Solubility other solvents	No information available.
Partition coefficient [n-octanol/water]	not determined
Kinematic viscosity	not applicable
Relative vapour density	not applicable
Evaporation speed	not applicable
Melting point [°C]	not applicable
Auto-ignition temperature	>200
Decomposition temperature [°C]	not applicable
Particle characteristics	not applicable

9.2 Other information

none

SECTION 10: Stability and reactivity

10.1 Reactivity

Evolution of flammable gases/vapours.

10.2 Chemical stability

Stable under normal ambient conditions (ambient temperature).

10.3 Possibility of hazardous reactions

Because of the high vapour pressure, containers are liable to burst if temperature rises.
Evolution of flammable mixtures possible in air when heated above flash point and/or during spraying or misting.
Reactions with oxidizing agents.

10.4 Conditions to avoid

Strong heating.



10.5 Incompatible materials

No information available.

10.6 Hazardous decomposition products

Flammable gases/vapours.

SECTION 11: Toxicological information

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

Acute oral toxicity

Based on available data, the classification criteria are not met.

Product
ATE-mix, oral, >2000 mg/kg bw
Substance
Coumarin, CAS: 91-64-5
LD50, oral, Rat, 293 mg/kg (RTECS)
Distillates (petroleum), hydrotreated light paraffinic, CAS: 64742-55-8
LD50, oral, Rat, > 2000 mg/kg
Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics
LD50, oral, Rat, > 5000 mg/kg bw
Distillates (petroleum), hydrotreated light naphthenic, CAS: 64742-53-6
LD50, oral, Rat, > 5000 mg/kg
Propan-2-ol, CAS: 67-63-0
LD50, oral, Rat, 5840 mg/kg
3-ethoxy-4-hydroxybenzaldehyde, CAS: 121-32-4
LD50, oral, 3000 mg/kg
2-Butoxyethanol, CAS: 111-76-2
LD50, oral, Guinea pig, 1414 mg/kg
LD50, oral, Rat, 1746 mg/kg (OECD 401)
ATE, oral, 1200 mg/kg bw

Acute dermal toxicity

Based on available data, the classification criteria are not met.

Product
ATE-mix, dermal, >2000 mg/kg bw
Substance
Distillates (petroleum), hydrotreated light paraffinic, CAS: 64742-55-8
LD50, dermal, Rat, > 2000 mg/kg
Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics
LD50, dermal, Rabbit, > 5000 mg/kg bw
Distillates (petroleum), hydrotreated light naphthenic, CAS: 64742-53-6
LD50, dermal, Rabbit, > 5000 mg/kg
Propan-2-ol, CAS: 67-63-0
LD50, dermal, Rabbit, 12800 mg/kg
2-Butoxyethanol, CAS: 111-76-2
LD50, dermal, Guinea pig, > 2000 mg/kg (OECD 402)

Acute inhalational toxicity

Based on available data, the classification criteria are not met.

Product
ATE-mix, inhalativ (mist), >20 mg/L
Substance
Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics
LC50, inhalative, Rat, > 5000 mg/m ³ /8h

Distillates (petroleum), hydrotreated light naphthenic, CAS: 64742-53-6

LC50, inhalative, Rat, > 5 mg/l (4 h)

Propan-2-ol, CAS: 67-63-0

LC50, inhalative, Rat, 30 mg/l/4h

2-Butoxyethanol, CAS: 111-76-2

LC0, inhalation (vapour), Guinea pig, > 3.1 mg/l/1h
--

ATE, inhalation (vapour), 3 mg/L, Category 3,
--

Serious eye damage/irritation Based on available data, the classification criteria are not met.

Substance

2-Butoxyethanol, CAS: 111-76-2

Study, irritant

Skin corrosion/irritation Slight irritant effect.

Substance

2-Butoxyethanol, CAS: 111-76-2

Study, irritant

Respiratory or skin sensitisation Based on available data, the classification criteria are not met.

Substance

2-Butoxyethanol, CAS: 111-76-2

dermal, Guinea pig, OECD 406, negativ

Specific target organ toxicity — single exposure Based on available data, the classification criteria are not met.

Substance

2-Butoxyethanol, CAS: 111-76-2

inhalative, non-irritating

Specific target organ toxicity — repeated exposure Based on available data, the classification criteria are not met.

Substance

Propan-2-ol, CAS: 67-63-0

NOAEC, inhalative, Rat, 5000 ppm

2-Butoxyethanol, CAS: 111-76-2

LOAEL, oral, Rat, 69 mg/kg bw/day, Study, negativ

LOAEC, inhalative, Rat, 152 mg/m ³ , Study, negativ
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Mutagenicity Does not contain a relevant substance that meets the classification criteria.

Reproduction toxicity Does not contain a relevant substance that meets the classification criteria.

- Fertility

Substance

2-Butoxyethanol, CAS: 111-76-2

NOAEL, oral, Rat, 720 mg/kg bw/day, Study, negativ
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- Development

Substance

2-Butoxyethanol, CAS: 111-76-2

NOAEL, oral, Rat, 720 mg/kg bw/day, Study, negativ

Carcinogenicity Does not contain a relevant substance that meets the classification criteria.

Substance

2-Butoxyethanol, CAS: 111-76-2

NOAEC, inhalative, Rat, 125 mg/m³, Study, negativ

Aspiration hazard May be fatal if swallowed and enters airways.

General remarks

Toxicological data of complete product are not available.
 The toxicity data listed pertaining to the ingredients are intended for those working in the medicinal professions, experts for occupational health and safety and toxicologists. The toxicity data pertaining to the ingredients were supplied by the manufacturers of raw materials.

11.2 Information on other hazards

Endocrine disrupting properties Does not contain a relevant substance that meets the classification criteria.

Other information

SECTION 12: Ecological information

12.1 Toxicity

Substance

Coumarin, CAS: 91-64-5

LC50, (96h), *Poecilia reticulata*, 56 mg/l

EC50, (48h), *Daphnia pulex*, 30.6 mg/l

Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics

EL50, (48h), *Daphnia magna*, > 1000 mg/l

NOELR, (72h), *Pseudokirchneriella subcapitata*, 1000 mg/l

LL50, (96h), *Oncorhynchus mykiss*, > 1000 mg/l

ErL50, (72h), *Pseudokirchneriella subcapitata*, > 1000 mg/l

Distillates (petroleum), hydrotreated light naphthenic, CAS: 64742-53-6

LC50, Bacteria, > 100 mg/l

NOEC, fish, > 100 mg/l

LL50, Algae, > 100 mg/l

LL50, *Daphnia magna*, > 100 mg/l

LL50, fish, > 100 mg/l

Propan-2-ol, CAS: 67-63-0

LC50, (96h), *Pimephales promelas*, 9640 mg/L

EC50, (48h), *Daphnia magna*, 13299 mg/L

2-Butoxyethanol, CAS: 111-76-2

LC50, (96h), *Oncorhynchus mykiss*, 1474 mg/l (OECD 203)

EC50, (48h), *Daphnia magna*, 1550 mg/l (OECD 202)

EC50, (72h), *Pseudokirchneriella subcapitata*, 1840 mg/l (OECD 201)

EC0, (16h), *Pseudomonas putida*, 700 mg/l (DIN 38412)

NOEL, (21d), *Daphnia magna*, 100 mg/l (OECD 211)

NOEL, (21d), *Brachidanio rerio*, > 100 mg/l

12.2 Persistence and degradability

Behaviour in environment compartments	No information available.
Behaviour in sewage plant	AOX-advice: No dangerous components. Contains no organic complexing agents.
Biological degradability	No information available.

12.3 Bioaccumulative potential

No information available.

12.4 Mobility in soil

No information available.

12.5 Results of PBT and vPvB assessment

Based on all available information not to be classified as PBT or vPvB respectively.

12.6 Endocrine disrupting properties

Does not contain a relevant substance that meets the classification criteria.

12.7 Other adverse effects

Ecological data of complete product are not available.

Based on available data, the classification criteria are not met.

The toxicity data pertaining to the ingredients were supplied by the manufacturers of raw materials.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Waste material must be disposed of in accordance with the Directive on waste 2008/98/EC as well as other national and local regulations. It is not possible to determine a waste code for this product in accordance with the European Waste Catalogue (EWC) since it is only possible to classify it according to how it is used by the customer. The waste code is to be determined within the EU in liaison with the waste-disposal operator.

Product

Dispose of as hazardous waste.

Waste no. (recommended)

160504* gases in pressure containers (including halons) containing dangerous substances

Contaminated packaging

Uncontaminated packaging may be taken for recycling.

Waste no. (recommended)

150110* packaging containing residues of or contaminated by hazardous substances
150104

SECTION 14: Transport information

14.1 UN number or ID number


Transport by land according to ADR/RID 1950


Inland navigation (ADN) 1950


Marine transport in accordance with IMDG 1950


Air transport in accordance with IATA 1950

14.2 UN proper shipping name

Transport by land according to ADR/RID Aerosols
- Classification Code 5F
- Label 
- ADR LQ 1 l
- ADR 1.1.3.6 (8.6) Transport category (tunnel restriction code) 2 (D)

Inland navigation (ADN) Aerosols
- Classification Code 5F
- Label 

Marine transport in accordance with IMDG Aerosols
- EMS F-D, S-U
- Label 
- IMDG LQ 1 l

Air transport in accordance with IATA Aerosols, flammable
- Label 

14.3 Transport hazard class(es)

Transport by land according to ADR/RID 2

Inland navigation (ADN) 2

Marine transport in accordance with IMDG 2.1

Air transport in accordance with IATA 2.1

14.4 Packing group

Transport by land according to ADR/RID not applicable

Inland navigation (ADN) not applicable

Marine transport in accordance with IMDG not applicable

Air transport in accordance with IATA not applicable

14.5 Environmental hazards

Transport by land according to ADR/RID no

Inland navigation (ADN) no

Marine transport in accordance with IMDG no

Air transport in accordance with IATA no

14.6 Special precautions for user

Relevant information under SECTION 6 to 8.

14.7 Maritime transport in bulk according to IMO instruments

not applicable

SECTION 15: Regulatory information

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

EEC-REGULATIONS 2008/98/EC 2000/532/EC; 2010/75/EU; 2004/42/EC; (EC) 648/2004; (EC) 1907/2006 (REACH); (EU) 1272/2008; 75/324/EEC ((EC) 2016/2037); (EU) 2020/878; (EU) 2016/131; (EU) 517/2014

TRANSPORT-REGULATIONS ADR (2023); IMDG-Code (2023, 41. Amdt.); IATA-DGR (2023)

NATIONAL REGULATIONS (GB): EH40/2005 Workplace exposure limits (Second edition, published December 2011); UK REACH; GB CLP.

- Observe employment restrictions for people Observe employment restrictions for young people.

- VOC (2010/75/CE) 75,8 %
599,5 g/l

15.2 Chemical safety assessment

Chemical safety assessments for substances in this mixture were not carried out.

SECTION 16: Other information

16.1 Hazard statements (SECTION 3)

H331 Toxic if inhaled.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H302 Harmful if swallowed.
H336 May cause drowsiness or dizziness.
H319 Causes serious eye irritation.
H225 Highly flammable liquid and vapour.
H281 Contains refrigerated gas; may cause cryogenic burns or injury.
EUH066 Repeated exposure may cause skin dryness or cracking.
H304 May be fatal if swallowed and enters airways.

16.2 Abbreviations and acronyms:

ADR = Accord européen relatif au transport international des marchandises Dangereuses par Route
 RID = Règlement concernant le transport international ferroviaire de marchandises dangereuses
 ADN = Accord européen relatif au transport international des marchandises dangereuses par voie de navigation intérieure
 ATE = acute toxicity estimate
 CAS = Chemical Abstracts Service
 CLP = Classification, Labelling and Packaging
 DMEL = Derived Minimum Effect Level
 DNEL = Derived No Effect Level
 EC50 = Median effective concentration
 ECB = European Chemicals Bureau
 EEC = European Economic Community
 EINECS = European Inventory of Existing Commercial Chemical Substances
 EL50 = Median effective loading
 ELINCS = European List of Notified Chemical Substances
 EmS = Emergency Schedules
 GHS = Globally Harmonized System of Classification and Labelling of Chemicals
 IATA = International Air Transport Association
 IBC-Code = International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk
 IC50 = Inhibition concentration, 50%
 IMDG = International Maritime Code for Dangerous Goods
 IUCLID = International Uniform Chemical Information Database
 IVIS = In vitro irritation score
 LC50 = Lethal concentration, 50%
 LD50 = Median lethal dose
 LC0 = lethal concentration, 0%
 LOAEL = lowest-observed-adverse-effect level
 LL50 = Median lethal loading
 LQ = Limited Quantities
 MARPOL = International Convention for the Prevention of Marine Pollution from Ships
 NOAEL = No Observed Adverse Effect Level
 NOEC = No Observed Effect Concentration
 PBT = Persistent, Bioaccumulative and Toxic substance
 PNEC = Predicted No-Effect Concentration
 REACH = Registration, Evaluation, Authorisation and Restriction of Chemicals
 STP = Sewage Treatment Plant
 TLV@TWA = Threshold limit value – time-weighted average
 TLV@STEL = Threshold limit value – short-time exposure limit
 VOC = Volatile Organic Compounds
 vPvB = very Persistent and very Bioaccumulative

16.3 Other information

Classification procedure

Aerosol 1: H222 Extremely flammable aerosol. (Bridging principle "Aerosols") H229
 Pressurised container: May burst if heated. (Bridging principle "Aerosols")
 Asp. Tox. 1: H304 May be fatal if swallowed and enters airways. (Bridging principle "Aerosols")

Modified position

SECTION 3 been added: 2-Butoxyethanol
 SECTION 3 deleted: 2-Butoxyethanol
 SECTION 2 been added: Contains no ingredients with endocrine-disrupting properties.
 SECTION 9 been added: not applicable
 SECTION 9 been added: liquid
 SECTION 11 been added: Does not contain a relevant substance that meets the classification criteria.
 SECTION 12 been added: Does not contain a relevant substance that meets the classification criteria.
 SECTION 12 deleted: No information available.

Safety Data Sheet (UK REACH) (GB)

Oxim Ultra – Rust Loosener Spray

Article number 2894444

Normfest GmbH

42551 Velbert



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