OrangeOx



1. Identification of the substance/mixture and of the company/undertaking

1.1 Product Identifier

Product Name: OrangeOx
Product Number: 0963
Product Type: Mixture
Use of mixture: Cleaner

For professional use only.

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

Identified Uses

All-purpose cleaner and odor neutralizer – manual, semi-automatic and machine methods.

Uses advised against

None known.

1.3 Details of the supplier of the safety data sheet

CEBE Reinigungschemie GmbH Ruhrstrasse 47 22761 Hamburg Germany

Telephone: +49.40.851 82 -0 Telefax: +49.40.851 82 29 Email: info@cebechem.com

Responsible/issuing person: Dr. Jan M. Reimers

1.4 Emergency telephone number

Emergency telephone number: +49.40.851 82 -0 (Mo. - Th. 8:00 to 16:45, Fr. 8:00 to 15:30)

2. Hazards identification

2.1 Classification of the substance or mixture

Product definition: mixture

Classification according to Regulation (EU) No. 1272/2008 (CLP)			
Hazard class and hazard category	Hazard statements		
Eye Irrit. 2	H319		
Skin Irrit. 2	H315		
Skin Sens. 1	H317		
Aquatic Chronic 3	H412		

See section 11 for more detailed information on health effects and symptoms.

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2.2 Label elements

Labelling according to Regulation (EU) No. 1272/2008

Hazard symbol(s):



Signal Word: Warning.

Hazard Statements: H319 Causes serious eye irritation.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H412 Harmful to aquatic life with long lasting effects.

Precautionary Statements:

Prevention: P264 Wash hands thoroughly after handling.

P280 Wear protective gloves/protective clothing/eye

protection/face protection.

P273 Avoid release to the environment.

Reaction: P305+P351+P338 IF IN EYES: Rinse cautiously with water for several

minutes. Remove contact lenses, if present and

easy to do. Continue rinsing.

P337+P313 If eye irritation persists: Get medical

advice/attention.

P302+P352 IF ON SKIN: Wash with plenty of soap and water.

P333+P313 If skin irritation or rash occurs: Get medical

advice/attention.

Storage: None.

Disposal: P501 Dispose of contents/container to a specialized

establishment.

Additional labelling elements: None.

2.3 Other hazards

Other hazards that do not lead to a classification: Not applicable.

3. Composition/information on ingredients

3.2 Mixtures

Hazardous Components	Identifiers	Wt%	Classifcation (EU) 1272/2008
Isotridecanol, ethoxylated (6-9 EO)	CAS: 9043-30-5	1 – 5%	Acute Tox. 4, H302 Eye Dam. 1, H318
Etheric Oil	REACH#: 01-2119493353-35- 0003	1 – 5%	Flam. Liq. 3 , H226 Skin Irrit. 2, H315

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	EG: 232-433-8 CAS: 8028-48-6		Skin Sens. 1 , H317 Aquatic Acute, H400 Aquatic chronic, H410 Asp. Tox. 1, H304
Hydrogen peroxide, in solution	REACH#: 01-2119485845-22 EG: 231-765-0 CAS: 7722-84-1	5 – 10%	Skin Corr. 1A, H314 Acute Tox. 4, H302, H332 STOT SE3, H335 Ox. Liq. 1, H271

See section 16 for the full wording of the above mentioned H-statements.

At the time of creation of this data sheet no further ingredients were classified as hazardous to health or environment or were contained in concentrations that did not mandate their mention in this section.

4. First aid measures

4.1 Description of first aid measures

Eye contact: Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention if adverse health effects persist or are severe.

Inhalation: Get medical attention immediately. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If it is suspected that fumes are still present, the rescuer must wear an appropriate mask or self-contained breathing apparatus. In the absence of or irregular breathing, or respiratory arrest occurs artificial respiration by trained personnel or provide oxygen. For the first person providing aid it can be dangerous to give mouth-to-mouth resuscitation. If unconscious place in recovery position and seek immediate medical attention. Maintain an open airway. Loosen tight clothing (eg. a collar, tie, belt, or waistband) loosen. In case of inhalation of combustion products, symptoms may be delayed.

Skin contact: Get medical attention immediately. Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Wash contaminated clothing thoroughly with water before you take them off or wear gloves. Continue to rinse for at least 10 minutes. Chemical burns must be treated promptly by a physician. Wash clothing before reuse. Clean shoes thoroughly before reuse.

Ingestion: Wash out mouth with water. Remove denture prosthesis if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. Do not induce vomiting unless directed to do so by medical personnel. Should vomiting occur, keep head low so that vomit does not enter the lungs. Chemical burns must be treated promptly by a physician. Never give anything to an unconscious person by mouth. If unconscious, place in recovery position and seek immediate medical attention. Maintain an open airway. Loosen tight clothing (eg. a collar, tie, belt or waistband).

Protection of first-aiders: No action shall be taken involving any personal risk or without suitable training. If it is suspected that fumes are still present, the rescuer must wear an appropriate mask or self-contained breathing apparatus. For the first person providing aid it can be dangerous to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before you take them off or wear gloves.

4.2 Most important symptoms and effects, both acute and delayed

Potential acute health effects Eye contact: Irritating to eyes.

Inhalation: No known significant effects or critical hazards. **Skin contact:** Irritating to skin. Can cause allergic reactions.

Ingestion: Irritating to throat, mouth and stomach.

Signs / symptoms of overexposure

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Eye contact: Adverse symptoms may include the following: irritation, tearing, redness.

Inhalation: No specific data.

Skin contact: Adverse symptoms may include the following: irritation, reddening, rash.

Ingestion: No specific data.

4.3 Indication of any immediate medical attention and special treatment needed

Indications for the physician: Treat symptomatically. If larger amounts have been swallowed or inhaled consult specialist for poisoning.

Special treatement: No special treatment.

5. Fire fighting measures

5.1 Extinguishing media

Suitable extinguishing media: Use an extinguishing agent suitable for the surrounding fire.

Unsuitable extinguishing media: None known.

5.2 Special hazards arising from the substance or mixture

Hazards from the substance or mixture: In a fire or if heated, a pressure increase will occur and the container may burst.

Hazardous combustion products: Decomposition products may include the following materials: carbon dioxide, carbon monoxide, oxides.

5.3 Advice for firefighters

Special precautions for fire- fighters: In case of fire the scene cordon immediately removing all persons from the danger area. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if safe to do so. Spray fire-exposed containers with water to cool.

Special protective equipment for firefighters: Fire fighters should wear proper protective equipment.

6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For persons that are not emergency technicians: No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Avoid breathing vapor or mist. Ensure adequate ventilation. In case of insufficient ventilation wear suitable respiratory equipment. Put on appropriate personal protective equipment.

For first aid personel in case of emergency: If protective equipment/clothing is needed in case of accidental release, Section 8 should be consulted for appropriate and inappropriate materials. See section 8 for further information on hygiene measures.

6.2 Environmental precautions

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

6.3 Methods and materials for containment and cleaning up

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Small amounts: Dilute with plenty of water. Absorb with an inert material and place in an appropriate waste disposal.

Large amounts: avoid entry into sewers, water courses, basements, or confined areas. Collect spilt material using non-flammable absorption agent (eg. sand, earth, vermiculite or diatomaceous earth) and hand it in for disposal according to local regulations in an appropriate container (see section 13).

6.4 Reference to other sections

See Section 1 for emergency contact information. See Section 8 for information on appropriate personal protective equipment. See Section 13 for additional waste treatment information.

7. Handling and storage

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any exposure scenario or when exposure scenarios on the available application-specific information.

7.1 Precautions for safe handling

Protective measures: Put on appropriate (see section 8) protective gear. Do not get in contact with eyes, skin or clothing. Do not ingest. Avoid breathing vapor or mist. Keep in the original container or an approved alternative container, which was made from a compatible material. Kept tightly closed when not in use. Empty containers retain product residue and can be dangerous. Do not reuse container.

Advice on general occupational hygiene: Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. After use or contact with the substance immediately wash hands and face especially before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See Section 8 for additional information on hygiene measures.

7.2 Conditions for safe storage, including any incompatibilities

Store between the following temperatures: 0 to 40°C (32 to 104°F). Store in accordance with local regulations. Keep only in original container. Protect from direct sunlight. Store in a dry, cool and well-ventilated area, away from incompatible materials (see section 10) and do not store with food and drink. Hold container tightly closed and sealed until ready to use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate container to avoid environmental contamination.

7.3 Specific end use(s)

Recommendations: No information available.

8. Exposure controls/personal protection

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any exposure scenario or when exposure scenarios on the available application-specific information.

8.1 Control parameters

Occupational exposure limit values

Name of substance	Exposure limit value

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Etheric Oil	Germany: WEL Long term: 110 mg/m³, 20 ppm WEL Short term: 220 mg/m³, 40 ppm DFG Long term: H,sH 28 mg/m³, 5ppm DFG Short term: H,Sh 112 mg/m³, 20 ppm
Hydrogen peroxide, in solution	WEL 0.71 mg/m ³ , 0.5 ml/m ³

Recommended monitoring procedures

If this product contains ingredients with exposure limits, monitoring procedures are personal, (related to workplace) or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and / or the necessity to use respiratory protective equipment. Reference should be made to European Standard EN 689 for methods for the assessment of exposure by inhalation to chemical agents and national guidance documents for methods for the determination of hazardous substances.

Derived effect levels

Derived No Effect Level - DNEL values:

Etheric Oil:

DNEL long-term, workers, dermal: 8.89 mg / kg bw / d DNEL short time workers, dermal: 185.8 g / cm² DNEL Long time workers, by inhalation: 31.1 mg / m³ DNEL long-term, consumer, oral: 4.44 mg / kg bw / d DNEL long-term, consumer, by inhalation: 7.78 mg / m³ DNEL short-term, consumer, dermal: 92.9 g / cm²

Predicted effect concentrations

Predicted No Effect Concentration - PNEC:

Etheric Oil:

PNEC water (fresh water): 5.4 mg / L PNEC water (sea water): 0.54 mg / L PNEC water (periodic release: 5.77 mg / L) PNEC sediment (fresh water): 1.3 mg / kg dwt PNEC sediment (sea water): 0.13 mg / kg dwt PNEC soil: 0.261 mg / kg dwt

PNEC sewage treatment plant: 2.1 mg / L PNEC oral food: 13.3 mg / kg food

8.2 Limitation and monitoring of exposure

Appropriate etechnical controls: No special ventilation requirements. Good general ventilation should be sufficient to control worker exposure to airborne contaminants. If this product contains ingredients with exposure limits, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure below any recommended or statutory limits.

Personal protective measures

Hygiene measures: After handling chemical products and at the end of the working day as well as before eating, smoking and using the toilet thoroughly wash hands, forearms and face. Select appropriate techniques to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the work area.

Eye protection / face protection (EN 166): Goggles, chemical goggles or full-face shield.

Hand protection (EN 374): Protective gloves made of nitrile, for example, Camatril® 730 from KCL GmbH (see section 16). Penetration time> 8 hours.

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Skin protection (EN 14605): Before handling this product the personal protective equipment should be selected on the basis of the task and the associated risks to be carried out and approved by a specialist.

Other skin protection: Appropriate footwear and any additional skin protection measures based on the task being performed and the risks involved and should be approved by a specialist.

Respiratory protection (EN 143, 14387): Under normal and intended conditions of product use no respirator is required. If workers are exposed to concentrations above the exposure limit, they must use appropriate, certified respirators.

Thermal hazards: Not applicable.

Delimitation and monitoring of the environmental exposition: Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

9. Physical and chemical properties

- 9.1 Information on basic physical and chemical properties
- a) Appearance: Form: liquid Color: orange
- b) Odor: like orange
- c) Odor threshold: Not applicable and/or not determined for this mixture
- **d) pH:** 5.5 ± 0.5 at 20° C
- e) Freezing/melting point: Not applicable and/or not determined for this mixture
- f) Boiling point/boiling range: Not applicable and/or not determined for this mixture
- g) Flash point: Not applicable and/or not determined for this mixture
- h) Evaporation rate: Not applicable and/or not determined for this mixture
- i) Flammability (solid, gas): Not applicable and/or not determined for this mixture
- j) Upper/lower explosion limit: Not applicable and/or not determined for this mixture
- k) Vapor pressure: Not applicable and/or not determined for this mixture
- I) Relative vapor density: Not applicable and/or not determined for this mixture
- **m) Density:** $1.055 1.075 \text{ g/cm}^3$
- n) Solubility easily soluble in the following substances: water
- o) partition coefficient: n-octanol/water: Not applicable and/or not determined for this mixture
- p) Ignition temperature: Not applicable and/or not determined for this mixture
- q) Thermal decomposition: Not applicable and/or not determined for this mixture
- r) Viscositiy, dynamic: Not applicable and/or not determined for this mixture

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- s) Explosive properties: Not applicable and/or not determined for this mixture
- t) Oxidizing properties: Not applicable and/or not determined for this mixture

9.2 Other information

No further information available.

10. Stability and reactivity

10.1 Reactivity

For this product or its ingredients no specific test data related to reactivity are available.

10.2 Chemical stability

The product is stable.

10.3 Possibility of hazardous reactions

Dangerous reactions will not occur under normal storage conditions and under normal use.

10.4 Conditions to avoid

Direct sunlight. Thermal decomposition is exothermic.

10.5 Incompatible materials

Reacts with flammable substances, alkalis (bases), reducing agents, and various metals.

10.6 Hazardous decomposition products

Oxygen - oxidizing effect possible.

11. Toxicological information

11.1 Information on toxicological effects

a) acute toxicity:

Name of Substance	Result	Species	Dose	Exposition
Isotridecanol, ethoxylated (6-9 EO)	LD ₅₀ Oral	Rat	<2,000 mg/kg	-
Etheric Oil	LD ₅₀ Oral	Rat	>5,000 mg/kg	-
	LD50 Dermal	Rabbit	>5,000 mg/kg	-
Hydrogen peroxide, in solution	LD ₅₀ Oral	Rat	693-1,270 mg/kg	-
	LD ₅₀ Dermal	Rat	4,060 mg/kg	-
	LC ₅₀ Inhalative	Rat	>1.7 mg/kg	4 hours

Conclusion/Summary: Not determined for this mixture.

b) Irritation to skin; c) Irritation to eyes; d) Sensitisation

Name of						ı
Substance	Result	Species	Points	Exposition	Observation	L

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Isotridecanol, ethoxylated (6-9 EO)	Skin - irritating to the skin and mucous membranes Eye - strong irritant with the danger of severe eye injury Sensitization - no sensitization	-	 -	- - -
Etheric Oil	Skin: Irritant: Eye: Non-irritating Sensitization: May cause sensitization by skin contact Ingestion: Harmful: may cause lung damage if swallowed.	- Rabbit - -	 - - -	- - -
Hydrogen peroxide, in solution	Skin: Slightly irritating Eye: Causes serious eye damage Sensitization: not sensitizing	-	 -	

Conclusion / Summary: Irritating to eyes and skin. Sensitization through contact with skin possible.

e) Germ cell mutagenicity:

Conclusion / Summary: No known significant effects or critical hazards.

f) carcinogenicity:

Conclusion / Summary: No known significant effects or critical hazards.

g) reproductive toxicity:

Conclusion / Summary: No known significant effects or critical hazards.

h) specific target organ toxicity single exposure

Conclusion / Summary: No known significant effects or critical hazards.

i) specific target organ toxicity after repeated exposure

Conclusion / Summary: No known significant effects or critical hazards.

j) Aspiration hazard

Conclusion / Summary: No known significant effects or critical hazards.

Teratogenicity

Conclusion / Summary: No known significant effects or critical hazards.

Information on the likely routes of exposure: No known significant effects or critical hazards.

Potential acute health effects

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Inhalation: No known significant effects or critical hazards.

Ingestion: Irritating to mouth, throat and stomach.

Skin contact: Irritating to skin. May cause allergic reactions.

Eye contact: Irritating to eyes.

Symptoms related to the physical, chemical and toxicological characteristics

Inhalation: No specific data. **Ingestion:** No specific data.

Skin contact: Adverse symptoms may include the following: irritation, redness, rash. **Eye contact:** Adverse symptoms may include the following: irritation, lacrimation, redness.

Delayed and immediate effects and also chronic effects from short and long term exposure

Short term exposure

Potential immediate effects: Not determined for the mixture. **Potential delayed effects:** Not determined for the mixture.

Long-term exposure

Potential immediate effects: Not determined for the mixture. **Potential delayed effects:** Not determined for the mixture.

Potential chronic health effects

Conclusion / Summary: Not determined for the mixture.

General: No known significant effects or critical hazards.

Carcinogenicity: No known significant effects or critical hazards. **Mutagenicity:** No known significant effects or critical hazards. **Teratogenicity:** No known significant effects or critical hazards.

Developmental effects: No known significant effects or critical hazards.

Fertility effects: No known significant effects or critical hazards.

Other information: Not determined for the preparation.

12. Ecological information

12.1 Toxicity

Name of substance	Result	Species	Exposition
Isotridecanol, ethoxylated (6-9 EO)	EC ₅₀ >10 mg/l	Daphnia	48 hours
	LC ₅₀ >10 mg/l	Fish	96 hours
Etheric Oil	EC ₅₀ 150 mg/L	Algae	72 hours
	EC ₅₀ 0.67 mg/L	Daphnia	48 hours
	LC ₅₀ 0.7 mg/L	Fish	96 hours
Hydrogen peroxide, in solution	EC_{50} 11 mg/l	Bacteria	17 hours
	EC_{50} 7.7 mg/l	Daphnia	24 hours
	EC_{50} 2.4 mg/l	Daphnia	48 hours
	IC_{50} 2.5 mg/l	Algae	72 hours
	LC_{50} 31.3 mg/l	Fishe	24 hours

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LC ₅₀ 16.4 mg/l	Fishe	96 hours

Conclusion/Summary: Not determined for this mixture.

12.2 Persistence and degradability

Conclusion/Summary: The surface active ingredients contained in this product are biologically degradable according to regulation 648/2004 EC.

12.3 Bioaccumulative potential

Conclusion/Summary: Not determined for this mixture.

12.4 Mobility in soil

Partition coefficient ground/water (Koc): Not determined for this mixture.

Mobility: Not determined for this mixture.

12.5 Results of PBT and vPvB assessment

PBT: not applicable **vPvB**: not applicable

12.6 Other adverse effects

No special effects or hazards known.

13. Disposal considerations

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any exposure scenario or when exposure scenarios on the available application-specific information.

Waste disposal according to EC Directives on waste and hazardous waste. Waste codes should be assigned by the user, preferably in collaboration with the waste disposal authorities.

13.1 Waste treatment methods

Product

Methods of disposal: The generation of waste should be avoided or minimized wherever possible. Empty containers or liners may retain some product residues. Material and its container must be disposed of in a safe way. Significant quantities of waste product residue should not be disposed of via the foul sewer but processed in a suitable effluent treatment plant. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Disposal of this product, solutions and any by-products should at all times comply with the environmental protection requirements and waste disposal legislation and the requirements of local authorities. Avoid the proliferation and dispersal of spilled material and contact with soil, waterways, drains and sewers.

Hazardous waste: According to the information available to the supplier at the time of creation/editing of this safety data sheet this product is regulated as hazardious waste in the sense of EU regulation 2008/98/EC.

Packaging

Methods of disposal: The generation of waste should be avoided or minimized wherever possible. Waste packaging should be recycled.

Special precautions: This material and its container must be disposed of in a safe way. Empty containers or liners may retain some product residues. Avoid the proliferation and dispersal of spilled material and contact with soil, waterways, drains and sewers.

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14. Transport information

	ADR/RID	ADR/ADNR	IMDG	IATA
14.1 UN Number	Not regulated.	Not regulated.	Not regulated.	Not regulated.
14.2 UN proper shipping name	-	-	-	-
14.3 Transport hazard class(es)	-	-	-	-
14.4 Packing group	-	-	-	-
14.5 Environmental hazards	No.	No.	No.	No.
14.6 Special precautions for iuser	None.	None.	None.	None.

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable.

Multiplier according to ADR / RID 1.1.6.3: Not applicable.

Tunnel restriction code: Not applicable.

15. Regulatory information

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

EC-Regulation Nr. 1907/2006 (REACh)

Appendix XIV - Index of substances that require permission

Substances causing special concern: None of the ingredients is listed.

Appendix XVII – Restriction of the production, the distribution, and the use of specific hazardous substances, mixtures, ans products: Not applicable.

Other EU-Regulations

Contents according to 648/2004 EC:

<5% nonionic surfactants, 5 – 15% oxygen-based bleach.

15.2 Chemical safety assessment

This product contains substances that still require substance assessments.

16. Other information

Marks the information that was changed since the last version.

Abbreviations and acronyms:

ADN/ADNR = European agreement for the international transport of hazardous materials on inland waterways

ADR = European agreement for the international transport of hazardous materials on roads

ATE = Estimation acute toxicity

BCF = Bio concentration factor

CLP = Regulation concerning the classification, labeling, and packaging Verordnung über die Einstufung,

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Kennzeichnung und Verpackung [Regulation (EC) No. 1272/2008]

CAS = Chemical Abstracts Services Number

DNEL = Derived Non-Effect Level

DPD = Mixture regulation [1999/45/EG]

EC = Europaean Commission

EG = EG-Nummer

EUH-Satz = CLP-specific hazard phrase

IATA = International Aviation Transport Association

IBC = Intermediate Bulk Container

IMDG = International Maritime Dangerous Goods Code

LogPow = Logarithm base-10 of the n-octanol:water pertition coefficient

MARPOL 73/78 = International agreement from 1973 for the prevention of marine pollution caused by ships in the version of the protocol from 1978. ("Marpol" = marine pollution)

MAK = maximum workplace concentration

PBT = Persistent, bioacuumulating, and toxic

PNEC = Predicted No-Effect Concentration

REACH = Regultion concerning the Registration, Evauation, Approval and Restriction of Chemical

Substances [Regulation (EC) No. 1907/2006]

RID = Regulation for the transport of hazardous goods by railway

REACH # = REACH Registration number

vPvB = very persistent and very bioaccumulating

Full text of abbreviated H statements:

H226 Flammable liquid and vapor.

H271 May cause fire or explosion; strong oxidizing agent.

H302 Harmful if swallowed.

H304 May be fatal if swallowed and enters airways.

H314 Causes severe skin burns and eye damage.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H318 Causes serious eve damage.

H332 Harmful if inhaled.

H335 May cause respiratory irritation.

H400 Very toxic to aquatic organisms.

H410 Very toxic to aquatic life with long lasting effects.

Full text of classifications [CLP / GHS]

Acute Tox. 4 = ACUTE TOXICITY: ORAL, Inhalation - Category 4

Aquatic Acute 1 = AQUATIC HAZARD - Category 1

Aguatic Chronic 1 = AQUATIC HAZARD - Category 1

Asp Tox 1 = ASPIRATION - Category 1

Eye Dam. 1 = SERIOUS EYE DAMAGE / EYE IRRITATION - Category 1

Flam. Liq. 3 = FLAMMABLE LIQUIDS - Category 3

Ox. Liq.1 = oxidising liquids - Category 1

Skin Corr. 1A = CORROSION / IRRITATION SKIN - Category 1A

Skin Irrit. 2 = CORROSION / IRRITATION SKIN - Category 2

Skin Sens 1 = SKIN SENSITIZATION -. Category 1

STOT SE 3 = SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) - Category 3

Manufacturer of protective gloves:

KCL GmbH

Industriepark Rhön

Am Kreuzacker 9

36124 Eichenzell

Germany

Tel. +49(0)659.87-0

www.kcl.de

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Safety Data Sheet acc. to regulation (EU) 1907/2006 OrangeOx



The information above is based on the information and experienced of the date of issue. They do not have any type of characcteristical assurance. They may not be changed or transposed to other products.

Always read and follow the instructions on the label.

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