

SECTION 1: PRODUCT IDENTIFICATION

Chemical Formula: Not available

Not available

Developmental Toxicity: Not available

Serious Ingestion: Not available

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media

For this substance/mixture no limitations of extinguishing agents are given.

Special hazards arising from the substance or mixture.

Sodium/sodium oxides

Sodium oxides

Not combustible.

Ambient fire may liberate hazardous vapours.

Advice for firefighters

In the event of fire, wear self-contained breathing apparatus.

Further information

Not available

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures:

Advice for non-emergency personnel: Do not breathe vapors, aerosols. Avoid substance contact. Ensure adequate ventilation. Evacuate the danger area, observe emergency procedures, consult an expert. For personal protection see section 8.

Environmental precautions

Do not let product enter drains.

SECTION 7: HANDLING AND STORAGE

Precautions for safe handling Keep only in original packaging.

Storage Condition No metal containers. Tightly closed.

Storage class Storage class (TRGS 510): 8B: Non-combustible, corrosive hazardous materials

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

Personal Protection: Safety glasses, Lab coat, Dust respirator, Gloves. Be sure to use an approved/certified respirator or equivalent.

Personal Protection in Case of a Large Spill: Splash goggles, Full suit, Dust respirator, Boots, Gloves. A self-contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist before handling this product.

Exposure Limits: Not available.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical state and appearance Form	: Liquid
Odour	: Not Available
Taste	: Not Available
Molecular Weight	: Not Available
Colour	: Not Available
pH	: Not Available
Boiling Point	: Not Available
Melting Point	: Not Available.
Critical Temperature	: Not Available
Relative Density	: Not Available
Vapor Pressure	: Not Available



Vapor Density	: Not Available
Volatility	: Not Available
Odor Threshold	: Not Available
Water/Oil Dist. Coeff.	: Not Available
Ionicity (in Water)	: Not Available
Dispersion Properties	: Not Available
Solubility	: Not Available

SECTION 10: STABILITY AND REACTIVITY DATA

Stability: The product is stable under standard ambient conditions (room temperature).

Instability Temperature: Not available

Conditions of Instability: Not Available

Incompatibility with various substances: Strong oxidizing agents Metals.

Corrosivity: Not Available

Special Remarks on Reactivity: Not Available

Special Remarks on Corrosivity: Not Available

Polymerization: Not Available

SECTION 11: TOXICOLOGICAL INFORMATION

Toxicity to Animals:

Acute toxicity

Symptoms: If ingested, severe burns of the mouth and throat, as well as a danger of perforation of the esophagus and the stomach.

Symptoms: mucosal irritations, Cough, Shortness of breath, Possible damages:, damage of respiratory tract

Dermal: No data available

LD50 Oral - Not Available

LD50 Dermal - Not Available

Serious eye damage/eye irritation Mixture causes serious eye damage. Risk of blindness!

Chronic Effects on Humans: Not Available

Other Toxic Effects on Humans Mixture causes burns.

Special Remarks on Toxicity to Animals: Eye irritation.

Special Remarks on Chronic Effects on Humans: Not Available

Special Remarks on other Toxic Effects on Humans: Not Available

SECTION 12: ECOLOGICAL INFORMATION

Eco toxicity: Toxicity to fish LC50 - Gambusia affinis (Mosquito fish) - 125 mg/l - 96 h

Remarks: (ECOTOX Database)

BOD and COD: Not available

Products of Biodegradation: Not Available

Toxicity of the Products of Biodegradation: Not available

Special Remarks on the Products of Biodegradation: Not available

SECTION 13: DISPOSAL CONSIDERATIONS

Waste Disposal: Waste must be disposed of in accordance with federal, state and local environmental control regulations.

SECTION 14: TRANSPORT INFORMATION



UN number

ADR/RID:1824

IMDG: 1824

IATA: 1824

UN proper shipping name

ADR/RID: Sodium hydroxide solution

IMDG: Sodium hydroxide solution

IATA: Sodium hydroxide solution

Transport hazard class(es)

ADR/RID:8

IMDG: 8

IATA: 8

Packaging group

ADR/RID:II

IMDG: II

IATA: II

Environmental hazards

ADR/RID: no

IMDG Marine pollutant: no

IATA: no

Special precautions for user

No data available

SECTION 15: OTHER REGULATORY INFORMATION

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

This material safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006.

Other regulations

Take note of Dir 94/33/EC on the protection of young people at work.

SECTION 16: OTHER INFORMATION

Full text of H-Statements referred to under sections 2 and 3.

H290 May be corrosive to metals.

H314 Causes severe skin burns and eye damage.

H315 Causes skin irritation.

H318 Causes serious eye damage.

H319 Causes serious eye irritation.

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