

SAFETY DATA SHEET

32632266 DAPHNE ALPHA COOL EW

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

Product name : 32632266 DAPHNE ALPHA COOL EW **Manufacturer** : IDEMITSUKOSAN CO., LTD.
3 - 1 - 1 M A R U N O U C H I
CHIYODA-KU
TOKYO JAPAN
PHONE : +81-3-3213-3143

Emergency telephone number : +81-3-3213-3143 **Supplier** :

Material Uses : Not available.

2. Composition / information on ingredients

Substance/Preparation : Preparation

Chemical name*	CAS No.	%	EC Number	Classification
Mineral oil DICYCLOHEXYLAMINE		40-49 5-10		Xn; R22 C; R34 N; R50/53 C; R34
MONOISOPROPANOLAMINE See Section 16 for the full text of the R Phrases declared above		5-10		C; R34

* Occupational Exposure Limit(s), if available, are listed in section 8

3. Hazards identification

The preparation is classified as dangerous according to Directive 1999/45/EC and its amendments.

Classification : C; R34
Skin Contact : Irritation of the product in case of skin contact: Not available. Sensitization of the product: Not available.

Aggravating conditions : Repeated or prolonged exposure is not known to aggravate medical condition.

4. First-aid measures

First-Aid measures

- Inhalation** : If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention immediately.
- Ingestion** : Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistband.
- Skin Contact** : In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Cold water may be used. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention immediately.
- Eye Contact** : Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Cold water may be used. Get medical attention immediately.

5. Fire-fighting measures

Extinguishing Media

Suitable : SMALL FIRE: Use DRY chemical powder.
LARGE FIRE: Use water spray, fog or foam. Do not use water jet.

Hazardous thermal (de)composition products : These products are carbon oxides (CO, CO₂), nitrogen oxides (NO, NO₂...).**Special fire-fighting procedures** : Fire fighters should wear positive pressure self-contained breathing apparatus (SCBA) and full turnout gear.**Protection of fire-fighters** : Be sure to use an approved/certified respirator or equivalent.

6. Accidental release measures

- Personal precautions** : Splash goggles. Full suit. Boots. Gloves. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.
- Environmental Precautions and Clean-up Methods** : Keep away from heat. Keep away from sources of ignition. Stop leak if without risk.

Note: See section 8 for personal protective equipment and section 13 for waste disposal.

7. Handling and storage

- Handling** : Keep away from heat. Keep away from sources of ignition. Ground all equipment containing material. Do not ingest. Do not breathe gas/fumes/ vapor/spray. Wear suitable protective clothing. If ingested, seek medical advice immediately and show the container or the label.
- Storage** : Keep container in a cool, well-ventilated area. Keep container tightly closed and sealed until ready for use. Avoid all possible sources of ignition (spark or flame).
- Packaging materials**
- Recommended use** : Use original container.

8. Exposure controls/personal protection

- Engineering measures** : Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective occupational exposure limits. Ensure that eyewash stations and safety showers are proximal to the work-station locatio
- Hygiene measures** : Wash hands, forearms, and face thoroughly after handling compounds and before eating, smoking, using lavatory, and at the end of day.

Ingredient Name

Mineral o

Occupational Exposure Limits

ACGIH TLV (United States, 2004).

TWA: 5 mg/m³ 8 hour(s). Form: Oil mi

Personal protective equipment

- Respiratory system** : Wear appropriate respirator when ventilation is inadequate.
- Skin and body** : Lab coat.
- Hands** : Impervious gloves.
- Eyes** : Safety glasses.

9. Physical and chemical properties

- Physical state** : Liquid.
- Color** : Yellow.
- Odor** : Characteristic.
- pH** : 9.5 (Conc. (% w/w): 5) [Basic.]
- Flash point** : Not available.
- Explosive properties** : Risks of explosion of the product in presence of mechanical impact: Not available.
Risks of explosion of the product in presence of static discharge: Not available.
- Oxidizing Properties** : Not available.
- Density** : 0.95 g/cm³ (15°C / 59°F)
- Solubility** : Easily soluble in cold water, hot water, methanol, acetone.
- Viscosity** : Kinetic (40C): 93.3 cSt

10. Stability and reactivity

- Stability** : The product is stable.
- Hazardous Decomposition Products** : These products are carbon oxides (CO, CO₂), nitrogen oxides (NO, NO₂...).

11. Toxicological information

Acute toxicity

<u>Ingredient Name</u>	<u>Test</u>	<u>Result</u>	<u>Route</u>	<u>Species</u>
Mineral oil	LD50	>5000 mg/kg	Oral	Rat
DICYCLOHEXYLAMINE	LD50	373 mg/kg	Oral	Rat
	LD50	500 mg/kg	Oral	Mouse
MONOISOPROPANOLAMINE	LD50	1715 mg/kg	Oral	Rat

Local effects

Skin irritation : Hazardous in case of skin contact (corrosive).

Eye irritation : Hazardous in case of eye contact (corrosive).

Chronic toxicity : Repeated or prolonged exposure is not known to aggravate medical condition.

12. Ecological information

Ecotoxicity Data

<u>Ingredient Name</u>	<u>Species</u>	<u>Period</u>	<u>Result</u>
DICYCLOHEXYLAMINE	Daphnia magna (EC50)	48 hours	70.1 mg/l
MONOISOPROPANOLAMINE	Pimephales promelas (LC50)	96 hours	2520 mg/l

13. Disposal considerations

Methods of disposal ; Waste of residues ; Contaminated packaging : Waste must be disposed of in accordance with federal, state and local environmental control regulations.

Waste Classification : Not applicable.

European Waste Catalogue (EWC) : Not available.

Hazardous Waste : The classification of the product may meet the criteria for a hazardous waste

14. Transport information

International transport regulations

<u>Regulatory Information</u>	<u>UN number</u>	<u>Proper shipping name</u>	<u>Class</u>	<u>Packing Group</u>	<u>Label</u>	<u>Additional information</u>
ADR/RID Class	Not regulated.	Not available				-
ADN Class	Not regulated.	Not available				-
IMDG Class	Not regulated.	Not available				-
IATA-DGR Class	Not regulated.	Not available				-

15. Regulatory information

EU Regulations

Hazard symbol(s) :



Corrosive

Indication of Danger :

Corrosive

Risk Phrases :

R34- Causes burns.

Safety Phrases :

S1/2- Keep locked up and out of the reach of children.
 S26- In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
 S29- Do not empty into drains.
 S36/37/39- Wear suitable protective clothing, gloves and eye/face protection.
 S45- In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

Contains :

MONOISOPROPANOLAMINE
 DICYCLOHEXYLAMINE

Product Use : Classification and labeling have been performed according to EU directives 67/548/EEC, 1999/45/EC including amendments and the intended use.
- Consumer applications.

EC Statistical Classification (Tariff Code) :

16. Other information

Full text of R-Phrases with no. appearing in Section 2 - Europe : R22- Harmful if swallowed.
R34- Causes burns.
R50/53- Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Text of classifications appearing in Section 2 - Europe : C - Corrosive
Xn - Harmful
N - Dangerous for the environment.

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Version 4

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