

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

1.1. Product identifier

| | |
|------------------------|--|
| Product form | : Substance (UVCB) |
| Trade name | : DIETHANOLAMIDE DE COPRAH |
| Chemical name | : Amides, C8-18 (even numbered) and C18-unsatd, N, N-bis(hydroxyethyl) |
| EC-No. | : 931-329-6 |
| CAS-No. | : 68603-42-9 / 68115-07-7 |
| REACH registration No. | : 01-2119490100-53 |
| Product code | : DEA COPRAH |
| Product group | : Raw material |

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

Relevant identified uses

| | |
|------------------------------|---|
| Main use category | : Industrial use |
| Use of the substance/mixture | : Agent tensio-actif de base pour la production de nettoyeurs et de produits cosmétiques. |

1.3. Details of the supplier of the safety data sheet

INTERCHIMIE
ZAC du Parc
13 rue Louis Blériot
FR- 77290 COMPANS
T T: +33 (0)1 64 77 76 27
qualite@interchimie.fr, www.interchimie.fr

1.4. Emergency telephone number

No additional information available

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

| | |
|---|------|
| Skin corrosion/irritation, Category 2 | H315 |
| Serious eye damage/eye irritation, Category 1 | H318 |
| Hazardous to the aquatic environment – Chronic Hazard, Category 2 | H411 |
| Full text of H- and EUH-statements: see section 16 | |

Adverse physicochemical, human health and environmental effects

Causes skin irritation. Causes serious eye damage. Toxic to aquatic life with long lasting effects.

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP)



GHS05

GHS09

Signal word (CLP)

: Danger

Hazard statements (CLP)

: H315 - Causes skin irritation.
H318 - Causes serious eye damage.
H411 - Toxic to aquatic life with long lasting effects.
P273 - Avoid release to the environment.
P280 - Wear eye protection.

Precautionary statements (CLP)

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according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EC) No. 453/2010

P302+P352 - IF ON SKIN: Wash with plenty of soap and water.
P310 - Immediately call a POISON CENTER or doctor.
P332+P313 - If skin irritation occurs: Get medical advice/attention.

2.3. Other hazards

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII
This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII
Contains no PBT and/or vPvB substances $\geq 0.1\%$ assessed in accordance with REACH Annex XIII

| Component | |
|---|--|
| Substance(s) not meeting the PBT criteria of REACH regulation, in accordance with Annex XIII | Amides, C8-18 (even numbered) and C18-unsatd, N, N-bis(hydroxyethyl) (68603-42-9 / 68115-07-7), 2,2'-iminodiethanol; diethanolamine (111-42-2) |
| Substance(s) not meeting the vPvB criteria of REACH regulation, in accordance with Annex XIII | Amides, C8-18 (even numbered) and C18-unsatd, N, N-bis(hydroxyethyl) (68603-42-9 / 68115-07-7), 2,2'-iminodiethanol; diethanolamine (111-42-2) |

The substance is not included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605

SECTION 3: Composition/information on ingredients

3.1. Substances

Substance type : UVCB
Chemical name : Amides, C8-18 (even numbered) and C18-unsatd, N, N-bis(hydroxyethyl)
CAS-No. : 68603-42-9 / 68115-07-7
EC-No. : 931-329-6

| Name | Product identifier | % | Classification according to Regulation (EC) No. 1272/2008 [CLP] |
|---|--|------------------|--|
| Amides, C8-18 (even numbered) and C18-unsatd, N, N-bis(hydroxyethyl) | CAS-No.: 68603-42-9 / 68115-07-7 EC-No.: 931-329-6 REACH-no: 01-2119490100-53 | 100 | See Section 2.1 |
| Amides, C8-18 (even numbered) and C18-unsatd., N, N-bis(hydroxyethyl) | CAS-No.: 68603-42-9 / 68115-07-7 EC-No.: 931-329-6 REACH-no: 01-2119490100-53 | $\geq 80 - < 90$ | Skin Irrit. 2, H315 Eye Dam. 1, H318 Aquatic Chronic 2, H411 |
| Glycérine | CAS-No.: 56-81-5 EC-No.: 200-289-5 REACH-no: EXEMPTÉ ANNEXE V | 7 – 10 | Not classified |
| 2,2'-iminodiethanol; diethanolamine | CAS-No.: 111-42-2 EC-No.: 203-868-0 EC Index-No.: 603-071-00-1 REACH-no: 01-2119488930-28 | ≤ 3 | Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Eye Dam. 1, H318 Repr. 2, H361fd STOT RE 2, H373 |

Full text of H- and EUH-statements: see section 16

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according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EC) No. 453/2010

SECTION 4: First aid measures

4.1. Description of first aid measures

| | |
|---------------------------------------|--|
| First-aid measures general | : Never give anything by mouth to an unconscious person. Unconscious: maintain adequate airway and respiration. Vomiting: prevent asphyxia/aspiration pneumonia. |
| First-aid measures after inhalation | : Remove person to fresh air and keep comfortable for breathing. Allow affected person to breathe fresh air. Get medical advice/attention if you feel unwell. |
| First-aid measures after skin contact | : Take off immediately all contaminated clothing and wash it before reuse. If skin irritation occurs: Get medical advice/attention. Gently wash with plenty of soap and water. |
| First-aid measures after eye contact | : Immediately rinse with water for a prolonged period while holding the eyelids wide open. Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/doctor. |
| First-aid measures after ingestion | : Rinse mouth with water. Do not induce vomiting. Call a poison center or a doctor if you feel unwell. |

4.2. Most important symptoms and effects, both acute and delayed

| | |
|-------------------------------------|---|
| Symptoms/effects after inhalation | : May cause respiratory irritation. |
| Symptoms/effects after skin contact | : Rednesses. Irritation. |
| Symptoms/effects after eye contact | : Lacrimation. Serious damage to eyes. |
| Symptoms/effects after ingestion | : May cause gastric irritation. Abdominal pain, nausea. |

4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

| | |
|--------------------------------|--|
| Suitable extinguishing media | : Making extinguishing agents environment-friendly. Water spray. Dry powder. Foam. Carbon dioxide. |
| Unsuitable extinguishing media | : Do not use a heavy water stream. |

5.2. Special hazards arising from the substance or mixture

| | |
|--|---|
| Explosion hazard | : Heat may build pressure, rupturing closed containers, spreading fire and increasing risk of burns and injuries. |
| Hazardous decomposition products in case of fire | : Carbon dioxide. Carbon monoxide. produit de pyrolyse, toxique. |

5.3. Advice for firefighters

| | |
|--------------------------------|--|
| Firefighting instructions | : Exercise caution when fighting any chemical fire. |
| Protection during firefighting | : Do not enter fire area without proper protective equipment, including respiratory protection. Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing. |
| Other information | : Prevent fire fighting water from entering the environment. Toxic to aquatic life with long lasting effects. |

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

| | |
|------------------|--|
| General measures | : Ensure adequate air ventilation. Use protective clothing. Prevent from entering sewers, basements and workpits, or any place where its accumulation can be dangerous. Evacuate area. |
|------------------|--|

For non-emergency personnel

| | |
|----------------------|---|
| Emergency procedures | : Ventilate spillage area. Evacuate unnecessary personnel. Do not breathe vapours. Do not breathe dust. Avoid contact with skin and eyes. |
|----------------------|---|

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For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

6.2. Environmental precautions

Avoid release to the environment. Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters.

6.3. Methods and material for containment and cleaning up

For containment : Collect spillage.
Methods for cleaning up : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Mechanically recover the product. Scoop solid spill into closing containers. Notify authorities if product enters sewers or public waters.
Other information : Dispose of materials or solid residues at an authorized site.

6.4. Reference to other sections

For further information refer to section 8: "Exposure controls/personal protection". For disposal of solid materials or residues refer to section 13 : "Disposal considerations". For further information refer to section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Ensure good ventilation of the work station. Avoid contact with skin, eyes and clothing. Avoid dust formation. Do not eat, drink or smoke when using this product. Do not breathe vapours. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Avoid contact with skin and eyes. Wear personal protective equipment.
Hygiene measures : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Store in original container. Store in a well-ventilated place. Keep container tightly closed. Store in a well-ventilated place. Keep cool.
Storage temperature : 5 – 40 °C

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

DNEL and PNEC

| DIETHANOLAMIDE DE COPRAH (68603-42-9 / 68115-07-7) | |
|--|---|
| DNEL/DMEL (additional information) | |
| Additional information | DNEL and/or PNEC available for the components |
| PNEC (additional information) | |
| Additional information | DNEL and/or PNEC available for the components |

8.2. Exposure controls

Appropriate engineering controls

Appropriate engineering controls:

Ensure good ventilation of the work station.

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according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EC) No. 453/2010

Personal protection equipment

Personal protective equipment symbol(s):



Eye and face protection

Eye protection:

Safety glasses

| Eye protection | | | |
|----------------|----------------------|-----------------|----------|
| Type | Field of application | Characteristics | Standard |
| | | | EN 166 |

Skin protection

Skin and body protection:

Wear suitable protective clothing

Hand protection:

Protective gloves. ISO 374-1

| Hand protection | | | | | |
|-----------------|----------------------|-------------------|----------------|-------------|----------|
| Type | Material | Permeation | Thickness (mm) | Penetration | Standard |
| | Nitrile rubber (NBR) | 6 (> 480 minutes) | 0.11 | | |

Respiratory protection

Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment

| Respiratory protection | | | |
|------------------------|--|-----------|----------|
| Device | Filter type | Condition | Standard |
| | Type A - High-boiling (>65 °C) organic compounds | | EN 14387 |

Environmental exposure controls

Environmental exposure controls:

Avoid release to the environment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | |
|-----------------------|---------------------------------|
| Physical state | : Liquid |
| Colour | : Yellow. brown. |
| Appearance | : Viscous liquid. |
| Odour | : Insignificant. |
| Odour threshold | : Not available |
| Melting point | : -7 °C |
| Freezing point | : Not available |
| Boiling point | : > 100 °C |
| Flammability | : Not applicable |
| Explosive properties | : No dangerous reactions known. |
| Lower explosion limit | : Not available |
| Upper explosion limit | : Not available |
| Flash point | : ≈ 188 °C |

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| | |
|---|--|
| Auto-ignition temperature | : Not available |
| Decomposition temperature | : Not available |
| pH | : 9 – 11 1% (20°C) |
| Viscosity, kinematic | : Not available |
| Viscosity, dynamic | : 1.15 Pa·s |
| Solubility | : Soluble in methanol. Soluble in acetone. soluble in water. |
| Partition coefficient n-octanol/water (Log Kow) | : Not available |
| Partition coefficient n-octanol/water (Log Pow) | : 3.75 |
| Vapour pressure | : 0.000019 kPa (20°C) |
| Vapour pressure at 50°C | : Not available |
| Density | : 0.98 – 1.01 g/cm³ (20°C) |
| Relative density | : Not available |
| Relative vapour density at 20°C | : Not available |
| Particle characteristics | : Not applicable |

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

High temperature. gel. Avoid open fire or flames.

10.5. Incompatible materials

Strong acids. Strong bases. Oxidizing agent.

10.6. Hazardous decomposition products

Carbon monoxide. Carbon dioxide. Nitrogen oxides.

SECTION 11: Toxicological information

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

| | |
|-----------------------------|------------------|
| Acute toxicity (oral) | : Not classified |
| Acute toxicity (dermal) | : Not classified |
| Acute toxicity (inhalation) | : Not classified |

Amides, C8-18 (even numbered) and C18-unsatd., N, N-bis(hydroxyethyl) (68603-42-9 / 68115-07-7)

| | |
|--------------------|-------------------------|
| LD50 oral rat | > 5000 mg/kg bodyweight |
| LD50 dermal rabbit | > 2000 mg/kg bodyweight |

2,2'-iminodiethanol; diethanolamine (111-42-2)

| | |
|-----------------------|---|
| LD50 oral rat | 1600 mg/kg bodyweight (équivalent OCDE 401) |
| LD50 dermal rat | 12200 mg/kg (surmulot) |
| LC50 Inhalation - Rat | 0.2 mg/l CL0 (8h) |

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| | |
|-----------------------------------|---|
| Skin corrosion/irritation | : Causes skin irritation. pH: 9 – 11 1% (20°C) |
| Serious eye damage/irritation | : Causes serious eye damage. pH: 9 – 11 1% (20°C) |
| Respiratory or skin sensitisation | : Irritation to the respiratory tract. Not classified |
| Germ cell mutagenicity | : Not classified |
| Carcinogenicity | : Not classified |
| Reproductive toxicity | : Not classified |
| STOT-single exposure | : Data not validated |

Amides, C8-18 (even numbered) and C18-unsatd., N, N-bis(hydroxyethyl) (68603-42-9 / 68115-07-7)

| | |
|-------------------|----------------------------------|
| NOAEL (oral, rat) | 1000 mg/kg bodyweight (OECD 414) |
|-------------------|----------------------------------|

| | |
|------------------------|------------------|
| STOT-repeated exposure | : Not classified |
|------------------------|------------------|

DIETHANOLAMIDE DE COPRAH (68603-42-9 / 68115-07-7)

| | |
|--|--------------------------|
| NOAEL (subacute, oral, animal/male, 28 days) | 750 mg/kg bodyweight rat |
|--|--------------------------|

Amides, C8-18 (even numbered) and C18-unsatd., N, N-bis(hydroxyethyl) (68603-42-9 / 68115-07-7)

| | |
|----------------------------|--|
| NOAEL (oral, rat, 90 days) | 750 mg/kg bodyweight/day 28 j (OECD 407) |
|----------------------------|--|

| | |
|-------------------------------------|-------------------------------|
| NOAEL (dermal, rat/rabbit, 90 days) | 50 mg/kg bodyweight/day (rat) |
|-------------------------------------|-------------------------------|

2,2'-iminodiethanol; diethanolamine (111-42-2)

| | |
|-------------------------------------|--|
| NOAEL (dermal, rat/rabbit, 90 days) | 32 mg/kg bodyweight/day rat 103 semaines |
|-------------------------------------|--|

| | |
|------------------------|--|
| STOT-repeated exposure | May cause damage to organs through prolonged or repeated exposure. |
|------------------------|--|

| | |
|-------------------|----------------------|
| Aspiration hazard | : Data not validated |
|-------------------|----------------------|

11.2. Information on other hazards

Other information

| | |
|-------------------|--|
| Other information | : Informations complémentaires sur demande |
|-------------------|--|

SECTION 12: Ecological information

12.1. Toxicity

| | |
|---|--|
| Ecology - general | : Toxic to aquatic life with long lasting effects. |
| Hazardous to the aquatic environment, short-term (acute) | : Not classified |
| Hazardous to the aquatic environment, long-term (chronic) | : Toxic to aquatic life with long lasting effects. |

DIETHANOLAMIDE DE COPRAH (68603-42-9 / 68115-07-7)

| | |
|------------------------------------|-----------------------------------|
| LC50 - Fish [1] | 2 mg/l |
| LC50 - Fish [2] | 4.9 mg/l |
| LC50 - Other aquatic organisms [1] | 1 mg/l micro-organisme |
| EC50 72h - Algae [1] | 0.39 mg/l Desmodesmus subspicatus |

Amides, C8-18 (even numbered) and C18-unsatd., N, N-bis(hydroxyethyl) (68603-42-9 / 68115-07-7)

| | |
|------------------------------------|--|
| LC50 - Fish [1] | 2.4 mg/l 96h (Oncorhynchus mykiss) OECD 203 |
| LC50 - Fish [2] | 4.9 mg/l 96h (Branchydanio rerio) OECD 203 |
| EC50 - Crustacea [1] | 3.2 mg/l 48h- daphnia magna -OECD 202 |
| EC50 - Other aquatic organisms [1] | 6 g/l 72h - microorganismes (pseudomonas putida) |
| EC50 72h - Algae [1] | 3.9 mg/l 72h- scenedesmus subspicatus - OECD 201 |

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| Amides, C8-18 (even numbered) and C18-unsatd., N, N-bis(hydroxyethyl) (68603-42-9 / 68115-07-7) | |
|---|---|
| LOEC (chronic) | 1 mg/l 28 jours poissons oncorhynchus mykiss - OECD 215 |
| NOEC chronic crustacea | 0.07 mg/l 21 jours - daphnia magna - EOCd 211 |
| NOEC chronic algae | 0.3 mg/l 72h scenedesmus subspicatus OECD 201 |

| 2,2'-iminodiethanol; diethanolamine (111-42-2) | |
|--|---|
| LC50 - Fish [1] | 460 mg/l 96h - oncorhynchus mykiss |
| EC50 - Crustacea [1] | 30.1 mg/l 48h - Ceriodaphnia dubia |
| EC50 72h - Algae [1] | 19 mg/l 72h - Pseudokirchneriella subcapitata |
| LOEC (acute) | 1.56 mg/l 504h - Daphnia magna |
| NOEC chronic crustacea | 0.78 mg/l 504h - Daphnia magna |

12.2. Persistence and degradability

| DIETHANOLAMIDE DE COPRAH (68603-42-9 / 68115-07-7) | |
|--|-------------------------|
| Persistence and degradability | Readily biodegradable. |
| Biodegradation | 71.1 % (301F - 28jours) |

| Amides, C8-18 (even numbered) and C18-unsatd., N, N-bis(hydroxyethyl) (68603-42-9 / 68115-07-7) | |
|---|--|
| Persistence and degradability | Biodegradable. |
| Biodegradation | 72.4 % OECD 301D (source EMPLA 739/2006) |

| Glycérine (56-81-5) | |
|-------------------------------|--------------------|
| Persistence and degradability | Rapidly degradable |

| 2,2'-iminodiethanol; diethanolamine (111-42-2) | |
|--|-------------------------------------|
| Persistence and degradability | Readily biodegradable. |
| Chemical oxygen demand (COD) | 1.352 g O ₂ /g substance |
| Biodegradation | 93 % 28 j - OECD 301F |

12.3. Bioaccumulative potential

| DIETHANOLAMIDE DE COPRAH (68603-42-9 / 68115-07-7) | |
|--|------|
| Partition coefficient n-octanol/water (Log Pow) | 3.75 |

| Amides, C8-18 (even numbered) and C18-unsatd., N, N-bis(hydroxyethyl) (68603-42-9 / 68115-07-7) | |
|---|--------------------------------|
| Bioaccumulative potential | Low bioaccumulation potential. |

| 2,2'-iminodiethanol; diethanolamine (111-42-2) | |
|---|--------------|
| Partition coefficient n-octanol/water (Log Kow) | -2.46 (25°C) |

12.4. Mobility in soil

| DIETHANOLAMIDE DE COPRAH (68603-42-9 / 68115-07-7) | |
|--|------------------|
| Ecology - soil | mobile in soils. |

12.5. Results of PBT and vPvB assessment

| DIETHANOLAMIDE DE COPRAH (68603-42-9 / 68115-07-7) | |
|---|--|
| This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII | |

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| DIETHANOLAMIDE DE COPRAH (68603-42-9 / 68115-07-7) | |
|---|--|
| This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII | |
| Component | |
| Substance(s) not meeting the PBT criteria of REACH regulation, in accordance with Annex XIII | Amides, C8-18 (even numbered) and C18-unsatd, N, N-bis(hydroxyethyl) (68603-42-9 / 68115-07-7), 2,2'-iminodiethanol; diethanolamine (111-42-2) |
| Substance(s) not meeting the vPvB criteria of REACH regulation, in accordance with Annex XIII | Amides, C8-18 (even numbered) and C18-unsatd, N, N-bis(hydroxyethyl) (68603-42-9 / 68115-07-7), 2,2'-iminodiethanol; diethanolamine (111-42-2) |

12.6. Endocrine disrupting properties

Adverse effects on the environment caused by endocrine disrupting properties

: The substance is not included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.

12.7. Other adverse effects

Additional information

: Avoid release to the environment.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste treatment methods

: Dispose of contents/container in accordance with licensed collector's sorting instructions.

Product/Packaging disposal recommendations

: Dispose in a safe manner in accordance with local/national regulations.

European List of Waste (LoW, EC 2000/532)

: 15 01 10* - packaging containing residues of or contaminated by dangerous substances
16 03 05* - organic wastes containing dangerous substances

SECTION 14: Transport information

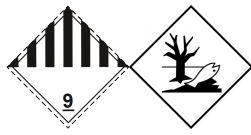
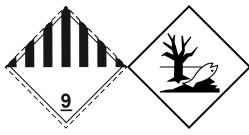
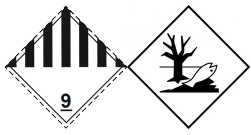
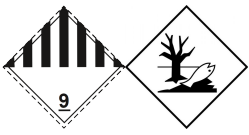
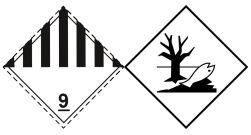
In accordance with ADR / IMDG / IATA / ADN / RID

| ADR | IMDG | IATA | ADN | RID |
|---|---|---|---|---|
| 14.1. UN number or ID number | | | | |
| UN 3082 | UN 3082 | UN 3082 | UN 3082 | UN 3082 |
| 14.2. UN proper shipping name | | | | |
| ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Amides, C8-18 (even numbered) and C18-unsatd, N, N-bis(hydroxyethyl)) | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Amides, C8-18 (even numbered) and C18-unsatd., N, N-bis(hydroxyethyl)) | Environmentally hazardous substance, liquid, n.o.s. (Amides, C8-18 (even numbered) and C18-unsatd., N, N-bis(hydroxyethyl)) | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Amides, C8-18 (even numbered) and C18-unsatd., N, N-bis(hydroxyethyl)) | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Amides, C8-18 (even numbered) and C18-unsatd., N, N-bis(hydroxyethyl)) |
| Transport document description | | | | |
| UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Amides, C8-18 (even numbered) and C18-unsatd, N, N-bis(hydroxyethyl)), 9, III, (E) | UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Amides, C8-18 (even numbered) and C18-unsatd., N, N-bis(hydroxyethyl)), 9, III, MARINE POLLUTANT | UN 3082 Environmentally hazardous substance, liquid, n.o.s. (Amides, C8-18 (even numbered) and C18-unsatd., N, N-bis(hydroxyethyl)), 9, III | UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Amides, C8-18 (even numbered) and C18-unsatd., N, N-bis(hydroxyethyl)), 9, III | UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Amides, C8-18 (even numbered) and C18-unsatd., N, N-bis(hydroxyethyl)), 9, III |

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| ADR | IMDG | IATA | ADN | RID |
|---|---|---|--|---|
| 14.3. Transport hazard class(es) | | | | |
| 9 | 9 | 9 | 9 | 9 |
|  |  |  |  |  |
| 14.4. Packing group | | | | |
| III | III | III | III | III |
| 14.5. Environmental hazards | | | | |
| Dangerous for the environment: Yes | Dangerous for the environment: Yes Marine pollutant: Yes EmS-No. (Fire): F-A EmS-No. (Spillage): S-F | Dangerous for the environment: Yes | Dangerous for the environment: Yes | Dangerous for the environment: Yes |
| No supplementary information available | | | | |

14.6. Special precautions for user

Overland transport

| | |
|---|---------------------------|
| Classification code (ADR) | : M6 |
| Special provisions (ADR) | : 274, 335, 601, 375 |
| Limited quantities (ADR) | : 5I |
| Excepted quantities (ADR) | : E1 |
| Packing instructions (ADR) | : P001, IBC03, LP01, R001 |
| Special packing provisions (ADR) | : PP1 |
| Mixed packing provisions (ADR) | : MP19 |
| Portable tank and bulk container instructions (ADR) | : T4 |
| Portable tank and bulk container special provisions (ADR) | : TP1, TP29 |
| Tank code (ADR) | : LGBV |
| Vehicle for tank carriage | : AT |
| Transport category (ADR) | : 3 |
| Special provisions for carriage - Packages (ADR) | : V12 |
| Special provisions for carriage - Loading, unloading and handling (ADR) | : CV13 |
| Hazard identification number (Kemler No.) | : 90 |
| Orange plates | : |



| | |
|-------------------------------|-----|
| Tunnel restriction code (ADR) | : E |
|-------------------------------|-----|

Transport by sea

| | |
|-----------------------------------|-----------------|
| Special provisions (IMDG) | : 274, 335, 969 |
| Limited quantities (IMDG) | : 5 L |
| Excepted quantities (IMDG) | : E1 |
| Packing instructions (IMDG) | : P001, LP01 |
| Special packing provisions (IMDG) | : PP1 |
| IBC packing instructions (IMDG) | : IBC03 |
| Tank instructions (IMDG) | : T4 |
| Tank special provisions (IMDG) | : TP2, TP29 |
| Stowage category (IMDG) | : A |
| MFAG-No | : 171 |

Air transport

| | |
|--------------------------------|------|
| PCA Excepted quantities (IATA) | : E1 |
|--------------------------------|------|

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| | |
|--|-------------------|
| PCA Limited quantities (IATA) | : Y964 |
| PCA limited quantity max net quantity (IATA) | : 30kgG |
| PCA packing instructions (IATA) | : 964 |
| PCA max net quantity (IATA) | : 450L |
| CAO packing instructions (IATA) | : 964 |
| CAO max net quantity (IATA) | : 450L |
| Special provisions (IATA) | : A97, A158, A197 |
| ERG code (IATA) | : 9L |

Inland waterway transport

| | |
|-----------------------------------|----------------------|
| Classification code (ADN) | : M6 |
| Special provisions (ADN) | : 274, 335, 375, 601 |
| Limited quantities (ADN) | : 5 L |
| Excepted quantities (ADN) | : E1 |
| Carriage permitted (ADN) | : T |
| Equipment required (ADN) | : PP |
| Number of blue cones/lights (ADN) | : 0 |

Rail transport

| | |
|---|---------------------------|
| Classification code (RID) | : M6 |
| Special provisions (RID) | : 274, 335, 375, 601 |
| Limited quantities (RID) | : 5L |
| Excepted quantities (RID) | : E1 |
| Packing instructions (RID) | : P001, IBC03, LP01, R001 |
| Special packing provisions (RID) | : PP1 |
| Mixed packing provisions (RID) | : MP19 |
| Portable tank and bulk container instructions (RID) | : T4 |
| Portable tank and bulk container special provisions (RID) | : TP1, TP29 |
| Tank codes for RID tanks (RID) | : LGBV |
| Transport category (RID) | : 3 |
| Special provisions for carriage – Packages (RID) | : W12 |
| Special provisions for carriage - Loading, unloading and handling (RID) | : CW13, CW31 |
| Colis express (express parcels) (RID) | : CE8 |
| Hazard identification number (RID) | : 90 |

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

EU-Regulations

REACH Annex XVII (Restriction List)

| EU restriction list (REACH Annex XVII) | |
|--|--|
| Reference code | Applicable on |
| 3(b) | DIETHANOLAMIDE DE COPRAH ; Amides, C8-18 (even numbered) and C18-unsatd., N, N-bis(hydroxyethyl) ; 2,2'-iminodiethanol |
| 3(c) | DIETHANOLAMIDE DE COPRAH ; Amides, C8-18 (even numbered) and C18-unsatd., N, N-bis(hydroxyethyl) |

REACH Annex XIV (Authorisation List)

Not listed on REACH Annex XIV (Authorisation List)

REACH Candidate List (SVHC)

Not listed on the REACH Candidate List

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PIC Regulation (Prior Informed Consent)

Not listed on the PIC list (Regulation EU 649/2012)

POP Regulation (Persistent Organic Pollutants)

Not listed on the POP list (Regulation EU 2019/1021)

Ozone Regulation (1005/2009)

Not listed on the Ozone Depletion list (Regulation EU 1005/2009)

Council Regulation (EC) for the control of dual-use items

Contains no substance subject to the COUNCIL REGULATION (EC) for the control of dual-use items

Seveso Directive (Disaster Risk Reduction)

Seveso Additional information : catégorie E2 : Dangereux pour l'environnement aquatique dans la catégorie chronique 2
C9i : Très toxique pour l'environnement

Explosives Precursors Regulation (2019/1148)

Contains no substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors)

Drug Precursors Regulation (273/2004)

Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances)

National regulations

France

| Occupational diseases | |
|-----------------------|--|
| Code | Description |
| RG 49 | Skin disorders caused by aliphatic, alicyclic amines or ethanolamines |
| RG 49 BIS | Respiratory disorders caused by aliphatic amines, ethanolamines or isophoronediamine |

15.2. Chemical safety assessment

A chemical safety assessment has been carried out

SECTION 16: Other information

| Indication of changes | | |
|-----------------------|--|----------|
| Section | Changed item | Comments |
| | Supersedes version of | Modified |
| | Revision date | Modified |
| 1.1 | CAS-No. | Modified |
| 1.1 | Product form | Modified |
| 2.2 | Precautionary statements (CLP) | Modified |
| 5.2 | Hazardous decomposition products in case of fire | Modified |
| 7.2 | Storage temperature | Modified |
| 8.1 | Long-term - local effects, inhalation | Removed |
| 8.2 | Eye protection | Modified |
| 9 | Explosive properties | Added |
| 9 | Colour | Modified |
| 9 | Solubility | Modified |
| 9 | Odour | Added |

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| Indication of changes | | |
|-----------------------|--|-----------------|
| Section | Changed item | Comments |
| 10.4 | Conditions to avoid | Modified |
| 12.6 | Adverse effects on the environment caused by endocrine disrupting properties | Added |
| 15.1 | REACH Annex XVII | Added |

| Abbreviations and acronyms: | |
|-----------------------------|---|
| ADN | European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways |
| ADR | European Agreement concerning the International Carriage of Dangerous Goods by Road |
| ATE | Acute Toxicity Estimate |
| BCF | Bioconcentration factor |
| BLV | Biological limit value |
| BOD | Biochemical oxygen demand (BOD) |
| COD | Chemical oxygen demand (COD) |
| DMEL | Derived Minimal Effect level |
| DNEL | Derived-No Effect Level |
| EC-No. | European Community number |
| EC50 | Median effective concentration |
| EN | European Standard |
| IARC | International Agency for Research on Cancer |
| IATA | International Air Transport Association |
| IMDG | International Maritime Dangerous Goods |
| LC50 | Median lethal concentration |
| LD50 | Median lethal dose |
| LOAEL | Lowest Observed Adverse Effect Level |
| NOAEC | No-Observed Adverse Effect Concentration |
| NOAEL | No-Observed Adverse Effect Level |
| NOEC | No-Observed Effect Concentration |
| OECD | Organisation for Economic Co-operation and Development |
| OEL | Occupational Exposure Limit |
| PBT | Persistent Bioaccumulative Toxic |
| PNEC | Predicted No-Effect Concentration |
| RID | Regulations concerning the International Carriage of Dangerous Goods by Rail |
| SDS | Safety Data Sheet |
| STP | Sewage treatment plant |
| ThOD | Theoretical oxygen demand (ThOD) |
| TLM | Median Tolerance Limit |
| VOC | Volatile Organic Compounds |
| CAS-No. | Chemical Abstract Service number |

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Abbreviations and acronyms:

| | |
|--------|--|
| N.O.S. | Not Otherwise Specified |
| vPvB | Very Persistent and Very Bioaccumulative |
| ED | Endocrine disruptor |

Data sources

: This MSDS has been established with data of MSDS coming from upstream suppliers.
Bibliography.

Full text of H- and EUH-statements:

| | |
|---------------------|--|
| Acute Tox. 4 (Oral) | Acute toxicity (oral), Category 4 |
| Aquatic Chronic 2 | Hazardous to the aquatic environment – Chronic Hazard, Category 2 |
| Eye Dam. 1 | Serious eye damage/eye irritation, Category 1 |
| H302 | Harmful if swallowed. |
| H315 | Causes skin irritation. |
| H318 | Causes serious eye damage. |
| H361fd | Suspected of damaging fertility. Suspected of damaging the unborn child. |
| H373 | May cause damage to organs through prolonged or repeated exposure. |
| H411 | Toxic to aquatic life with long lasting effects. |
| Repr. 2 | Reproductive toxicity, Category 2 |
| Skin Irrit. 2 | Skin corrosion/irritation, Category 2 |
| STOT RE 2 | Specific target organ toxicity – Repeated exposure, Category 2 |

Safety Data Sheet (SDS), EU

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.