



CHEM INTERNATIONAL

Safety Data Sheet

DICOCO ALKYL AMINE

1. Chemical Product and Company Identification

Product Name: DICOCO ALKYL AMINE

Supplier: Chem International, Inc
6099 Ponders Court, Greenville SC 29615
Tel: 864-458-7868

Emergency Call: 1-800-424-9300 Chemtrec in USA and Canada

2. Hazards Identification

Classification of the substance or mixture

Classification (REGULATION (Ec) No1272/2008)

Acute toxicity, Category 4, Oral

Skin corrosion, Category 1B

Specific target organ toxicity - single exposure, Category 3

Specific target organ toxicity - repeated exposure, Category 2

Acute aquatic toxicity, Category 1

Hazardous products which must be listed on the label:

Dicoco Alkyl Amine CAS No. 61789-76-2

GHS LABEL ELEMENTS:

PICTOGRAM



SIGNAL WORD: Danger

Hazard Statements

H302 : Harmful if swallowed.

H314 : Causes severe skin burns and eye damage.

H335 : May cause respiratory irritation.

H373 : May cause damage to organs through prolonged or repeated exposure.

H400 : Very toxic to aquatic life.

Precautionary Statements

General: None

Prevention:

P260 – Do not breathe dust/ fume/ gas/ mist/ vapours/ spray. P264 – Wash skin thoroughly after handling.

P270 – Do not eat, drink or smoke when using this product. P271 – Use only outdoors or in a well-ventilated area.

P273 – Avoid release to the environment.

P280 – Wear protective gloves/ protective clothing/ eye protection/ face protection.

Response:

P301 + P312 – If swallowed: Call a poison center or doctor/physician if you feel unwell. P301 + P330 + P331 – If swallowed: rinse mouth. Do not induce vomiting.

P303 + P361 + P353 – If on skin (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

P304 + P340 – If inhaled: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

P305 + P351 + P338 – If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310 – Immediately call a poison center or doctor/physician.

P321 – Specific treatment (see supplemental first aid instructions on this label). P363 – Wash contaminated clothing before reuse.

P391 – Collect spillage.

Storage:

P403 + P233 – Store in a well-ventilated place. Keep container tightly closed. P405 – Store locked up.

Disposal:

P501 – Dispose of contents/container to an approved incineration plant.

Classification according to EU Dangerous Substances or Preparations Directives Categories of danger for substances and mixtures

Corrosive Harmful Irritant Dangerous for the environment

Risk advice to man and the environment

Causes burns. Harmful if swallowed.

Harmful: danger of serious damage to health by prolonged exposure if swallowed. Irritating to respiratory system.

Very toxic to aquatic organisms.

Other hazards which do not result in classification

No data available.

3. Composition, Information on Ingredients

Chemical name	CAS No	GHS Classification	Content%
Dicoco Alkyl amine	61789-76-2	Acute Tox. 5; H303 Skin Irrit. 3; H316 Aquatic Acute 1; H400	92 min
Coco Amine	61788-46-3	Acute Tox. 5; H303 Skin Irrit. 3; H316 Aquatic Acute 1; H400	5max
Tertiary Amine		Acute Tox. 5; H303 Skin Irrit. 3; H316 Aquatic Acute 1; H400	7max

For the full text of the H-Statements and R-Phrases mentioned in this Section, see Section 16.

4. First Aid Measures

General advice : No hazards which require special first aid measures.

Inhalation : Move to fresh air. If symptoms persist, call a physician.

Skin contact : Remove contaminated clothing and shoes. Flush skin with large amounts of water. If irritation develops and persists, get medical attention.

Eye contact : Rinse with plenty of water. Remove contact lenses. Protect unharmed eye. Keep eye wide open while rinsing. If eye irritation persists, consult a specialist.

Ingestion : Clean mouth with water and drink afterwards plenty of water. Never give anything by mouth to an unconscious person. Obtain medical attention.

Eye contact : Rinse with plenty of water. Remove contact lenses. Protect unharmed eye. Keep eye wide open while rinsing. If eye irritation persists, consult a specialist.

Ingestion : Clean mouth with water and drink afterwards plenty of water. Never give anything by mouth to an unconscious person. Obtain medical attention.

Notes to physician

Symptoms: No information available.

Risks: No information available.

Treatment: No information available.

5.Fire Fighting Measures

Suitable extinguishing media:

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

Specific hazards during firefighting / Specific hazards arising from the chemical:

Do not allow run-off from fire fighting to enter drains or water courses.

Special protective equipment for firefighters:

Wear self-contained breathing apparatus and protective suit.

Further information:

Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

6.Accidental Release Measures

PERSONAL PRECAUTIONS: Use personal protective equipment. Ensure adequate ventilation.

ENVIRONMENTAL PRECAUTIONS: Do not flush into surface water or sanitary sewer system. If the product contaminates rivers and lakes or drains inform respective authorities.

METHODS FOR CLEANING UP/METHODS FOR CONTAINMENT: Pick up and arrange disposal without creating dust. Keep in suitable, closed containers for disposal.

ADDITIONAL ADVICE: For personal protection see section 8.

7.Handling and Storage

HANDLING:

Advice on safe handling: For personal protection see section 8. Avoid contact with skin and eyes. Smoking, eating and drinking should be prohibited in the application area. Dispose of rinse water in accordance with local and national regulations.

Advice on protection against fire and explosion: Provide appropriate exhaust ventilation at places where dust is formed.

STORAGE:

Requirements for storage areas and containers: Keep container tightly closed in a dry and well-ventilated place. Reacts with copper, aluminium, zinc and their alloys. Avoid elevated temperatures.

Other data: No decomposition if stored and applied as directed.

8.Exposure Controls, Personal Protection**Components with workplace control parameters**

Contains no substances with occupational exposure limit values.

Engineering Controls

Ensure that eyewash stations and safety showers are close to the workstation location.

Personal protective equipment

Respiratory protection : In the case of vapour formation use a respirator with an approved filter. Wear full face mask supplied with: Gas cartridge K (ammonia, green. Combination filter ABEKP.

Hand protection : Nitrile rubber
butyl-rubber

Eye protection : Tightly fitting safety goggles

Skin and body protection : Protective suit

Hygiene measures : Handle in accordance with good industrial hygiene and safety practice. When using do not eat or drink. When using do not smoke. Wash hands before breaks and at the end of workday.

Environmental exposure controls

General advice : Do not flush into surface water or sanitary sewer system. If the product contaminates rivers and lakes or drains inform respective authorities.

=====

9.Physical and Chemical Properties
Appearance**Appearance**

Form : Solid

Colour : White

Odour : ammoniacal

Odour Threshold : no data available

Safety data

Flash point : ≥ 150 °C

Method: Pensky-Martens ISO 2719

Density : 790(@70 kg/m³ (@ 20C

Equivalent mass : 390 g/eq

Flash point : ≥ 150 C

HLB : 4.2 Davies Scale 0-40

Initial boiling point : 180 (760 mm Hg °C

Melting point : 46 °C

Pour point : 46 °C

Specific Gravity : 0.793(60, 0.787(70, 0.781(80

Vapor pressure : ≤ 1 mm Hg @20 C

Viscosity : 49.1(60, 45.4(70, 42.2(80, 40.1(90 SSU

This safety data sheet only contains information relating to safety and does not replace any product information or product specification.

=====

10.Stability and Reactivity

Conditions to avoid : Extremes of temperature and direct sunlight.

Materials to avoid : Reacts with copper, aluminium, zinc and their alloys.

Hazardous decomposition products : No hazardous decomposition products are known.

Thermal decomposition : > 300 °C

Chemical stability and Hazardous reactions : Note: No dangerous reaction known under conditions of normal use.

11. Toxicological Information

Acute toxicity

Acute oral toxicity: The product itself has not been tested. According to the data on the components, harmful if swallowed.

Acute inhalation toxicity : The product itself has not been tested. According to the data on the components, may be harmful if inhaled.

Acute dermal toxicity : The product itself has not been tested. According to the data on the components, harmful in contact with skin.

Acute toxicity (other routes of administration) : no data available

Skin corrosion/irritation

Skin irritation : The product itself has not been tested. According to the data on the components, irritating to skin.

Serious eye damage/eye irritation

Eye irritation : The product itself has not been tested. According to the data on the components, risk of serious damage to eyes.

Respiratory or skin sensitization

Sensitisation : The product itself has not been tested. According to the data on the components, not classified as sensitising by skin contact.

Mutagenicity

Genotoxicity in vitro : The product itself has not been tested. According to the data on the components, product is not considered to be genotoxic.

Genotoxicity in vivo : The product itself has not been tested. According to the data on the components, product is not considered to be genotoxic.

Carcinogenicity

Carcinogenicity :

The product itself has not been tested. According to the data on the components, not classifiable as a human carcinogen.

Toxicity for reproduction and development

Toxicity to reproduction/Fertility : The product itself has not been tested. According to the data on the components, no toxicity to reproduction.

Developmental Toxicity/ Teratogenicity : The product itself has not been tested. According to the data on the components, no effect observed on development.

Aspiration toxicity

Aspiration toxicity : The product itself has not been tested., According to the data on the components, no aspiration toxicity classification.

12. Ecological Information**Product information:****Ecotoxicology Assessment**

Additional ecological information : An environmental hazard cannot be excluded in the event of unprofessional handling or disposal. Very toxic to aquatic organisms.

Components:**Ecotoxicology Assessment****Component: Dicoco Alkyl Amine**

Results of PBT assessment : This substance is not considered to be a PBT (Persistent, Bioaccumulation, Toxic). This substance is not considered to be vPvB (very Persistent nor very Bioaccumulating).

Test result**Component: Dicoco Alkyl Amine****Ecotoxicity effects**

Toxicity to fish : LC50: > 0.1 - 1 mg/l
Exposure time: 96 h
Species: Fish

Toxicity to daphnia and other aquatic invertebrates : EC50: > 0.1 - 1 mg/l
Exposure time: 48 h
Species: Daphnia magna (Water flea)
The value is estimated from tests on similar products.

Toxicity to algae : EC50: > 0.1 - 1 mg/l
Exposure time: 72 h
Species: algae
The value is estimated from tests on similar products.

Elimination information (persistence and degradability)

Bioaccumulation : Bioconcentration factor (BCF): < 200. Bioaccumulation is unlikely.

Mobility : Can be leached out from soil.

Biodegradability : Result: Readily biodegradable.
>60% BOD, 28 days, Closed Bottle Test (OECD 301D).

Further information on ecology

Biochemical Oxygen Demand (BOD) : no data available

=====

13. Disposal Considerations

Product : The product should not be allowed to enter drains, water courses or the soil. Do not contaminate ponds, waterways or ditches with chemical or used container. Hazardous waste

Contaminated packaging : Empty remaining contents. Dispose of as unused product.

=====

14. Transport Information**DOT**

UN number 3259
Proper shipping name : Aklylamine, solid, corrosive, n.o.s.
(alkylamine)
Class : 8
Packing group : II
Labels : 8

IATA

UN number 3259
Proper shipping name : Aklylamine, solid, corrosive, n.o.s.
(alkylamine)
Class : 8
Packing group : II
Labels : 8

Packing instruction (cargo aircraft) : 855
Packing instruction (passenger aircraft) : 851
Packing instruction (LQ) : Y840
Environmentally hazardous : Yes

IMDG

UN number 3259
Proper shipping name : Aklylamine, solid, corrosive, n.o.s.
(alkylamine)
Packing group : II
Labels : 8
EmS Number 1 : F-A

EmS Number 2 : S-B
Marine pollutant : Yes

=====

15. Regulatory Information**Notification status**

CH INV	: y (positive listing) On the inventory, or in compliance with the inventory
US.TSCA	: y (positive listing) All chemical substances in this product are either listed on the TSCA Inventory or in compliance with a TSCA Inventory exemption.
DSL	: y (positive listing) All components of this product are on the Canadian DSL list.
AICS	: y (positive listing) On the inventory, or in compliance with the inventory
NZIoC	: y (positive listing) On the inventory, or in compliance with the inventory
ENCS	: y (positive listing) On the inventory, or in compliance with the inventory
ISHL	: y (positive listing) On the inventory, or in compliance with the inventory
KECI	: y (positive listing) On the inventory, or in compliance with the inventory
PICCS	: y (positive listing) On the inventory, or in compliance with the inventory
IECSC	: y (positive listing) On the inventory, or in compliance with the inventory

=====

16. Other Information
Full text of H-Statements

H302	Harmful if swallowed.
H314	Causes severe skin burns and eye damage.
H335	May cause respiratory irritation.
H373	May cause damage to organs through prolonged or repeated exposure.
H400	Very toxic to aquatic life.

Explanations for possible abbreviations mentioned in section 2

PBT	:PBT:Persistent, bioaccumulative and toxic.
vPvB	:Very persistent and very bioaccumulative.
OEL	:OEL: Occupational exposure limit.

Notification status explanation

CH INV	Switzerland. New notified substances and declared preparations US.TSCAUnited States TSCA Inventory
DSL	Canadian Domestic Substances List (DSL)
AICS	Australia Inventory of Chemical Substances (AICS)
NZIoC	New Zealand. Inventory of Chemical Substances
ENCS	Japan. ENCS - Existing and New Chemical Substances Inventory
ISHL	Japan. ISHL - Inventory of Chemical Substances (METI)
KECI	Korea. Korean Existing Chemicals Inventory (KECI)
PICCS	Philippines Inventory of Chemicals and Chemical Substances (PICCS)
IECSC	China. Inventory of Existing Chemical Substances in China (IECSC)Further information

Document date: 12/6/2021

To the best of the supplier's knowledge, the information contained herein is accurate. However, neither the supplier, nor any of its affiliate, make any representative or warranties (expressed or implied, nor assumes any liability (including liability for any direct, incidental, consequential, or the damages with respect to the accuracy or completeness of the information contained herein. Such information may be (without limitation invalid if the specification material is used in combination with another, in a particular process, or under unusual conditions. Determination of suitability of any material for any given purpose is the sole responsibility of the user who assumes all risk and responsibility therefore. All material may present unknown hazards and should be used with appropriate caution. The supplier cannot and does not guarantee that the hazards described herein are the only ones that exist.