

Section 1: PRODUCT AND COMPANY IDENTIFICATION

1.1. Product identifier

Product Name Curcyclic™ 40
 Chemical Name Cocamidopropyl Dimethylamine (and) Salicylic Acid
 Pure substance/mixture Mixture

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

Recommended Use Cosmetics
 Uses advised against NOT FOR USE AS A FOOD INGREDIENT

1.3. Details of the supplier of the safety data sheet

Supplier

Vantage Specialty Ingredients, Inc.,
 150 MT. Bethel Road
 Building 2, Suite 200
 Warren, New Jersey 07059
 Tel: (973) 345-8600
 Fax: (973) 345-8365

E-mail Address Regulatory.PC.US@vantagegrp.com

1.4. Emergency telephone number

Emergency telephone CHEMTREC International: +1-703-527-3887
 CHEMTREC USA: 1-800-424-9300

Section 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Regulation (EC) No 1272/2008

| | |
|-----------------------------------|--------------------|
| Acute toxicity - Oral | Category 4 (H302) |
| Skin corrosion/irritation | Category 2 (H315) |
| Serious eye damage/eye irritation | Category 1 (H318) |
| Reproductive Toxicity | Category 2 (H361d) |
| Acute aquatic toxicity | Category 1 (H400) |

2.2. Label elements

Product identifier



Signal word
 DANGER

Hazard statements

H302 - Harmful if swallowed
 H318 - Causes serious eye damage
 H315 - Causes skin irritation
 H400 - Very toxic to aquatic life
 H361d - Suspected of damaging the unborn child

Precautionary Statements - EU (§28, 1272/2008)

P201 - Obtain special instructions before use
 P202 - Do not handle until all safety precautions have been read and understood
 P264 - Wash hands and any exposed skin thoroughly after handling
 P270 - Do not eat, drink or smoke when using this product
 P273 - Avoid release to the environment
 P280 - Wear protective gloves/protective clothing/eye protection/face protection
 P301 + P312 - IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell
 P302 + P352 - IF ON SKIN: Wash with plenty of soap and water
 P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
 P308 + P313 - IF exposed or concerned: Get medical advice/attention
 P310 - Immediately call a POISON CENTER or doctor/physician
 P321 - Specific treatment (see supplemental first aid instructions on this label)
 P330 - Rinse mouth
 P332 + P313 - If skin irritation occurs: Get medical advice/attention
 P362 + P364 - Take off contaminated clothing and wash it before reuse
 P391 - Collect spillage
 P405 - Store locked up
 P501 - Dispose of contents/container in accordance with local, regional, national, and international regulations as applicable

2.3. Other hazards

None known

Section 3: COMPOSITION/INFORMATION ON INGREDIENTS**3.1 Mixture**

| Chemical Name | EINECS | CAS No. | Weight-% | Classification according to Regulation (EC) No. 1272/2008 [CLP] | REACH registration number |
|------------------------------|-----------|------------|----------|---|---------------------------|
| Salicylic acid | 200-712-3 | 69-72-7 | 36-44 | Eye Dam.1 (H318) Reprotox.2 (H361d) Acute Tox.4 (H302) | Exempted, Quantity < 1 T |
| Cocamidopropyl Dimethylamine | 268-771-8 | 68140-01-2 | 56-64 | Skin Irrit.2 (H315) Eye Dam.1 (H318) Aquatic Acute 1 (H400) | Exempted, Quantity < 1 T |

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

Section 4: FIRST AID MEASURES**4.1. Description of first aid measures****Inhalation**

Move to fresh air in case of accidental inhalation of vapors, dust or mists.

Skin contact

IF ON SKIN: Wash with plenty of water/soap. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse.

| | |
|---|---|
| Eye contact | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/doctor. |
| Ingestion | IF SWALLOWED: Call a POISON Center/doctor if you feel unwell. Rinse mouth. |
| Self-protection of the first aider | Use personal protective equipment. |

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

Symptoms Asthma-like and/ or skin allergy-like symptoms.

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

Notes to Physician Treat symptomatically.

Section 5: FIRE FIGHTING MEASURES

5.1. Extinguishing media

Suitable extinguishing media

Foam. Powder. Water spray.

Unsuitable extinguishing media

Do not use water jet as an extinguisher, as this will spread the fire.

5.2. Special hazards arising from the substance or mixture

Containers may explode when heated A solid stream of water will spread the burning material. Material creates a special hazard because it floats on water.

5.3. Advice for firefighters

Use personal protective equipment as required. As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

Section 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Personal Precautions

Ensure adequate ventilation. Avoid contact with eyes, skin and clothing. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing.

For emergency responders

Use personal protection recommended in Section 8.

6.2. Environmental precautions

Should not be released into the environment.

6.3. Methods and material for containment and cleaning up

Methods for Containment

Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container.

Methods for Cleaning Up

Prevent product from entering drains. Absorb with inert material and transfer to containers for disposal.

6.4. Reference to other sections

See Section 12: ECOLOGICAL INFORMATION.

Section 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Handling

Wear personal protective equipment. Handle in accordance with good industrial hygiene and safety practice.

Hygiene Measures

Emergency equipment immediately accessible, with instructions for use. Ensure that eyewash stations and safety showers are close to the workstation location. Use clean, well-maintained personal protective equipment. Store personal protective equipment in a clean location away from the work area. Shower or bathe at the end of working. Regular cleaning of equipment, work area and clothing. When using do not eat, drink or smoke. Contaminated work clothing should not be allowed out of the workplace. Wash hands before breaks, immediately after handling the product and at the end of the day.

7.2. Conditions for safe storage, including any incompatibilities

Storage

Do not freeze. Store in cool well ventilated place. Store in original tightly closed sealed container. Store locked up. Do not store near any incompatible material (see section 10). Storage area should be clearly identified, clear of obstruction and accessible to only trained and authorized personnel. Inspect periodically for damage or leaks.

7.3. Specific end use(s)

Risk Management Methods (RMM)

The information required is contained in this Material Safety Data Sheet.

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Derived No Effect Level (DNEL) No information available

Predicted No Effect Concentration (PNEC) No information available.

8.2. Exposure controls

Engineering Measures Ensure adequate ventilation, especially in confined areas.

Personal Protective Equipment

Eye/Face Protection

Hand protection

Safety glasses. In case of contact through splashing: wear face-shield and protective suit. The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN374 derived from it. Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also, takes into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion, and the contact time. Gloves must be inspected prior to use.

Skin and Body Protection

Respiratory Protection

Long sleeved clothing.

Not required under normal use conditions. Use appropriate respiratory protection if exposure to mist is likely.

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 | Odor | Not determined |
| Appearance | Viscous liquid | Odor threshold | Not determined |
| Color | Amber | | |

| <u>Property</u> | <u>Values</u> | <u>Remarks • Method</u> |
|--------------------------------|--------------------------|-------------------------|
| pH | | |
| Melting point / freezing point | | |
| Boiling point / boiling range | | |
| Flash Point | | |
| Evaporation Rate | | |
| Flammability (solid, gas) | | |
| Flammability Limit in Air | | |
| Upper flammability limit | | |
| Lower Flammability Limit | | |
| Vapor pressure | | |
| Vapor Density | | |
| Specific Gravity | 1.066 (Water=1) | |
| Water Solubility | | |
| Solubility in other solvents | | |
| Partition coefficient | | |
| Autoignition Temperature | | |
| Decomposition temperature | | |
| Kinematic viscosity | | |
| Dynamic viscosity | 5000 - 10000 cps (@ 25C) | |
| Explosive Properties | None | |
| Oxidizing Properties | None | |

9.2. Other information

Section 10: STABILITY AND REACTIVITY

10.1. Reactivity

Stable under normal temperatures and pressures.

10.2. Chemical stability

Stable under recommended storage conditions.

Explosion Data

| | |
|----------------------------------|---------------------------|
| Sensitivity to Mechanical Impact | No information available. |
| Sensitivity to Static Discharge | None. |

10.3. Possibility of hazardous reactions

Hazardous Reactions

None under normal processing.

10.4. Conditions to avoid

Excessive heat, ignition sources, incompatible materials, moisture.

10.5. Incompatible materials

Alkalis and caustic products. Oxidizing materials.

10.6. Hazardous decomposition products

At high temperatures releases flammable vapours. On combustion or on thermal decomposition (pyrolysis) releases toxic vapours (Carbon oxides (CO + CO₂)).(Phenol).

Section 11: TOXICOLOGY INFORMATION

11.1. Information on toxicological effects

| | |
|---------------------|--|
| Inhalation | Not classified (Based on available data, the classification criteria are not met). |
| Eye contact | H318- Causes serious Eye Damage. |
| Skin contact | H315 - Causes skin irritation. |
| Ingestion | H302 - Harmful if swallowed. |

Component Information

| Chemical Name | Oral LD50 | Dermal LD50 | Inhalation LC50 |
|------------------------------|---------------------|------------------|-------------------------------------|
| Salicylic acid | = 891 mg/kg (Rat) | > 2 g/kg (Rat) | > 900 mg/m ³ (Rat) 1 h |
| Cocamidopropyl Dimethylamine | = 200 mg/kg (Rat) | | |

| | |
|--|---|
| Skin corrosion/irritation | Skin Irrit. 2- H315 Causes skin irritation. |
| Serious eye damage/eye irritation | Eye Dam. 1 - H318 Causes serious eye damage. |
| Sensitization | Not a skin sensitizer. |
| Mutagenic Effects | Not mutagenic. |
| Carcinogenic effects | Not carcinogenic. |
| Reproductive Toxicity | Repro tox. 2- H361d Suspected of damaging the unborn child. |
| STOT - single exposure | No known hazard. |
| STOT - repeated exposure | No known hazard. |
| Aspiration hazard | No known hazard. |

Section 12: ECOLOGICAL INFORMATION**12.1. Toxicity**

Aquatic Acute 1- H400 Very toxic to aquatic life

| Chemical Name | Toxicity to Algae | Toxicity to Fish | Daphnia Magna (Water Flea) |
|----------------|-------------------|------------------|----------------------------|
| Salicylic acid | | | EC50 = 105 mg/L 24 h |

12.2. Persistence and degradability

Biodegradable and not Persistent.

12.3. Bioaccumulative potential

Not expected to be bioaccumulative.

| Chemical Name | Partition coefficient |
|----------------|-----------------------|
| Salicylic acid | 0 - 2.26 37 °C |

12.4. Mobility in soil

Mobility in soil
Moderate mobility potential.

12.5. Results of PBT and vPvB assessment

Not considered PBT / vPvB.

12.6. Other adverse effects

None known

Section 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Waste from residues/unused products Dispose of as hazardous waste in compliance with applicable regulations.

Contaminated Packaging Dispose of in accordance with applicable regulations.

Section 14: TRANSPORT INFORMATION

NOTE

DOT: Not Regulated as a dangerous good. Only regulated in bulk containers (>119 gallons).

IMDG / IMO

14.2 Proper Shipping Name

14.3 Hazard Class

14.4 Packing Group

14.5 Marine Pollutant

Environmental hazard

14.6

EmS No.

UN-No 3082

Environmentally hazardous substance, liquid, n.o.s. (Cocamidopropyl Dimethylamine)

9

III

Yes

Marine Pollutant

F-A S-F (NOTE: Limited Quantity: 5.00L)

RID

14.2 Proper Shipping Name

14.3 Hazard Class

14.4 Packing Group

14.5 Environmental hazard

14.6

UN-No 3082

Environmentally hazardous substance, liquid, n.o.s. (Cocamidopropyl Dimethylamine)

9

III

Marine Pollutant

ADR

14.2 Proper Shipping Name

14.3 Hazard Class

14.4 Packing Group

14.5 Environmental hazard

14.6

UN-No 3082

Environmentally hazardous substance, liquid, n.o.s. (Cocamidopropyl Dimethylamine)

9

III

Marine Pollutant

ICAO

14.2 Proper Shipping Name

14.3 Hazard Class

14.4 Packing Group

14.5 Environmental hazard

14.6

UN-No 3082

Environmentally hazardous substance, solid, n.o.s (Cocamidopropyl Dimethylamine)

9

III

Marine Pollutant

IATA

14.2 Proper Shipping Name

14.3 Hazard Class

14.4 Packing Group

14.5 Environmental hazard

14.6 NOTE

UN-No 3082

Environmentally hazardous substance, liquid, n.o.s.

9

III

Marine Pollutant

Limited Quantity-30.00Kg Excepted quantity- E1

Section 15: REGULATORY INFORMATION

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

European Union

International Inventories

| | |
|---------------|----------|
| TSCA | Complies |
| EINECS/ELINCS | Complies |
| DSL/NDSL | Complies |
| PICCS | Complies |
| ENCS | n/a |
| IECSC | Complies |
| AICS | Complies |
| KECL | n/a |

Legend

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List
PICCS - Philippines Inventory of Chemicals and Chemical Substances
ENCS - Japan Existing and New Chemical Substances
IECSC - China Inventory of Existing Chemical Substances
AICS - Australian Inventory of Chemical Substances
KECL - Korean Existing and Evaluated Chemical Substances

15.2. Chemical safety assessment

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Section 16: OTHER INFORMATION

Key or legend to abbreviations and acronyms used in the safety data sheet

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

H302 - Harmful if swallowed
H318 - Causes serious eye damage
H315 - Causes skin irritation
H400 - Very toxic to aquatic life
H361d - Suspected of damaging the unborn child

| | |
|-------------------------------|--|
| Issuing Date | 29-Jul-2015 |
| Revision Date | 08-Apr-2020 |
| Reason for Revision | Formatting/Minor Revisions. |
| Recommendations on Use | For Cosmetics and Personal Care Applications |

This material safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006 and EC No 1272/2008 (CLP)

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End of Safety Data Sheet