



Coscat™ 83

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations
Issue date: 9/14/1984 Revision date: 2/6/2023 Supersedes: 2/12/2019 Version: 4.0

SECTION 1: Identification

1.1. Identification

Product form : Mixture
Product name : Coscat™ 83

1.2. Recommended use and restrictions on use

Use of the substance/mixture : Urethane catalyst

1.3. Supplier

Global Headquarters

Aurorium
201 North Illinois Street
Suite 1800
Indianapolis, IN, 46204
USA
T +1-317-247-8141
SDS@aurorium.com - www.aurorium.com

1.4. Emergency telephone number

Emergency number : Aurorium: +1-317-247-8141
CHEMTREC (USA): +1-800-424-9300 (24 h)
CHEMTREC (International): +1-703-527-3887 (24 h)

SECTION 2: Hazard(s) identification

2.1. Classification of the substance or mixture

GHS US classification

Not classified

2.2. GHS Label elements, including precautionary statements

GHS US labeling

No labeling applicable

2.3. Other hazards which do not result in classification

Other hazards which do not result in classification : May cause slight irritation to the skin. May cause slight irritation to eyes.

2.4. Unknown acute toxicity (GHS US)

Not applicable

SECTION 3: Composition/Information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

This mixture does not contain any substances to be mentioned according to the criteria of section 3.2 of HazCom 2012

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SECTION 4: First-aid measures

4.1. Description of first aid measures

First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing. If experiencing respiratory symptoms: Call a poison center or a doctor.
First-aid measures after skin contact	: Rinse skin with water/shower. If skin irritation occurs: Get medical advice/attention.
First-aid measures after eye contact	: Immediately rinse with water for a prolonged period while holding the eyelids wide open. If eye irritation persists: Get medical advice/attention.
First-aid measures after ingestion	: Rinse mouth out with water. Do NOT induce vomiting. Get immediate medical advice/attention.

4.2. Most important symptoms and effects (acute and delayed)

Symptoms/effects	: May cause slight temporary irritation. Ingestion may cause nausea and vomiting.
Chronic symptoms	: No chronic health hazards are likely for this material.

4.3. Immediate medical attention and special treatment, if necessary

Treat symptomatically.

SECTION 5: Fire-fighting measures

5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media	: Water spray. Foam. Carbon dioxide (CO ₂). Dry chemical.
Unsuitable extinguishing media	: Do not use a water jet since it may cause the fire to spread.

5.2. Specific hazards arising from the chemical

Fire hazard	: Not flammable.
Explosion hazard	: Product is not explosive.
Hazardous decomposition products in case of fire	: Carbon dioxide. Carbon monoxide.

5.3. Special protective equipment and precautions for fire-fighters

Firefighting instructions	: Fight fire with normal precautions from a reasonable distance.
Protection during firefighting	: Wear recommended personal protective equipment. Complete protective clothing. Self-contained breathing apparatus.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures	: Ventilate spillage area. Mark out the contaminated area with signs and prevent access to unauthorized personnel.
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6.1.1. For non-emergency personnel

Emergency procedures	: Do not get in eyes, on skin, or on clothing. Avoid breathing fume, mist, vapors. Evacuate unnecessary personnel.
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6.1.2. For emergency responders

Emergency procedures	: Do not attempt to take action without suitable protective equipment.
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6.2. Environmental precautions

Do not allow product to spread into the environment. Prevent entry to sewers and public waters.

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6.3. Methods and material for containment and cleaning up

- For containment : Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.
- Methods for cleaning up : Clean up any spills as soon as possible, using an absorbent material to collect it. Shovel into suitable and closed container for disposal. Wash contaminated area with large amounts of water.
- Other information : Collect all waste in suitable and labeled containers and dispose according to local legislation.

6.4. Reference to other sections

For further information refer to section 8: "Exposure controls/personal protection". For further information refer to section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

- Precautions for safe handling : Wear personal protective equipment. Avoid any direct contact with the product.
- Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after handling the product. Wash contaminated clothing before reuse.

7.2. Conditions for safe storage, including any incompatibilities

- Storage conditions : Store in a dry place. Store in a closed container. Store in a well-ventilated place.
- Incompatible products : Strong acids. Strong bases. Amines. Oxidizing agent.
- Incompatible materials : None known.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

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No additional information available

Bismuth(3+) neodecanoate (34364-26-6)

No additional information available

Neodecanoic Acid (26896-20-8)

No additional information available

8.2. Appropriate engineering controls

- Appropriate engineering controls : Provide local exhaust or general room ventilation. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure.
- Environmental exposure controls : Avoid release to the environment.

8.3. Individual protection measures/Personal protective equipment

Hand protection:

Chemically resistant protective gloves. Neoprene protective gloves. Nitrile rubber gloves. Protective gloves made of PVC

Eye protection:

Chemical goggles or face shield

Skin and body protection:

Long sleeved protective clothing. Chemical resistant safety shoes

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Respiratory protection:

In case of inadequate ventilation wear respiratory protection.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Appearance	: Clear pale yellow liquid.
Color	: Pale yellow
Odor	: Mild odour
Odor threshold	: No data available
pH	: 4.5
pH solution	: 2 %
Melting point	: ≈ -40 °C
Freezing point	: -40 °C
Boiling point	: No data available
Flash point	: 105 °C
Relative evaporation rate (butyl acetate=1)	: < 1
Flammability (solid, gas)	: Not applicable
Vapor pressure	: No data available
Relative vapor density at 20°C	: Heavier than air
Relative density	: 1.11 (25°C)
Density	: ≈ 1.1 g/ml
Solubility	: insoluble in water.
Partition coefficient n-octanol/water (Log Pow)	: Mixture - Not applicable
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosion limits	: Not applicable Lower explosion limit: Not applicable Upper explosion limit: Not applicable
Explosive properties	: Product is not explosive.
Oxidizing properties	: No.

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

No dangerous reactions known.

10.2. Chemical stability

The product is stable at normal handling and storage conditions.

10.3. Possibility of hazardous reactions

Stable under normal conditions of use.

10.4. Conditions to avoid

Overheating. Open flame.

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10.5. Incompatible materials

Strong acids. Strong bases. Amines. Oxidizing agent.

10.6. Hazardous decomposition products

Carbon dioxide. Carbon monoxide.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

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

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LD50 oral rat	3030 mg/kg
LD50 dermal rat	> 2000 mg/kg
LC50 Inhalation - Rat	5.5 mg/l (mist)
ATE US (oral)	3030 mg/kg body weight
ATE US (dust, mist)	5.5 mg/l/4h

Skin corrosion/irritation : Slightly irritant but not relevant for classification (Data source: Aurorium)
pH: 4.5

Serious eye damage/irritation : Slightly irritant but not relevant for classification (Data source: Aurorium)
pH: 4.5

Respiratory or skin sensitization : Not classified

Germ cell mutagenicity : Not classified

Carcinogenicity : Not classified

Reproductive toxicity : Not classified

STOT-single exposure : Not classified

STOT-repeated exposure : Not classified

Aspiration hazard : Not classified

Viscosity, kinematic : No data available

Symptoms/effects : May cause slight temporary irritation. Ingestion may cause nausea and vomiting.

Chronic symptoms : No chronic health hazards are likely for this material.

SECTION 12: Ecological information

12.1. Toxicity

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LC50 - Fish [1]	> 100 mg/l
EC50 - Crustacea [1]	> 100 mg/l
EC50 - Other aquatic organisms [1]	> 100 g/l (algae)

12.2. Persistence and degradability

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Persistence and degradability	Not readily biodegradable.
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12.3. Bioaccumulative potential

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Partition coefficient n-octanol/water (Log Pow)	Mixture - Not applicable
Bioaccumulative potential	Low.

12.4. Mobility in soil

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Mobility in soil	This product is a mixture. Absorption/mobility for the components vary.
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12.5. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Disposal methods

Waste treatment methods	: Dispose in a safe manner in accordance with local/national regulations.
Sewage disposal recommendations	: Do not dispose of waste into sewer.
Product/Packaging disposal recommendations	: Dispose of contents or container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

SECTION 14: Transport information

In accordance with DOT / IMDG / IATA

DOT	IMDG	IATA
14.1. UN number		
Not regulated for transport		
14.2. Proper Shipping Name		
Not applicable	Not applicable	Not applicable
Transport document description		
Not applicable	Not applicable	Not applicable
14.3. Transport hazard class(es)		
Not applicable	Not applicable	Not applicable
14.4. Packing group		
Not applicable	Not applicable	Not applicable
14.5. Environmental hazards		
Not applicable	Not applicable	Not applicable
No supplementary information available		

14.6. Special precautions for user

DOT

No data available

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IMDG

No data available

IATA

No data available

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

SECTION 15: Regulatory information

15.1. US Federal regulations

Commercial status of components according to the United States Environmental Protection Agency's Toxic Substances Control Act (TSCA):

Name	CAS-No.	Listing	Commercial status	Flags
Bismuth(3+) neodecanoate	34364-26-6	Present	Active	
Neodecanoic Acid	26896-20-8	Present	Active	

This product or mixture is NOT known to contain a toxic chemical or chemicals in excess of the applicable de minimis concentration as specified in 40 CFR §372.38(a) subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

15.2. International regulations

CANADA

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Listed on the Canadian DSL (Domestic Substances List)

EU-Regulations

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Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

National regulations

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Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory)
Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)
Listed on KECL/KECI (Korean Existing Chemicals Inventory)
Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)
Listed on NZIoC (New Zealand Inventory of Chemicals)
Listed on the Japanese ISHL (Industrial Safety and Health Law)
Listed on the TCSI (Taiwan Chemical Substance Inventory)
Listed on the NCI (Vietnam - National Chemical Inventory)

15.3. US State regulations

California Proposition 65 - This product does not contain any substances known to the state of California to cause cancer, developmental and/or reproductive harm

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SECTION 16: Other information

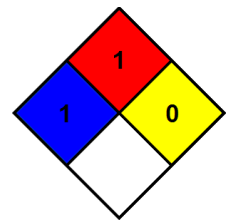
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Other information : ™ Trademark owned by or licensed to the Aurorium group of companies, registered in the United States or elsewhere.

Abbreviations and acronyms	
BCF	Bioconcentration factor
ATE	Acute Toxicity Estimate
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
CAS-No.	Chemical Abstract Service number
CLP	Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008
DNEL	Derived-No Effect Level
LC50	Median lethal concentration
LD50	Median lethal dose
OECD	Organisation for Economic Co-operation and Development
PBT	Persistent Bioaccumulative Toxic
PNEC	Predicted No-Effect Concentration
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006
WGK	Water Hazard Class
vPvB	Very Persistent and Very Bioaccumulative

NFPA health hazard : 1 - Materials that, under emergency conditions, can cause significant irritation.
NFPA fire hazard : 1 - Materials that must be preheated before ignition can occur.
NFPA reactivity : 0 - Material that in themselves are normally stable, even under fire conditions.



Hazard Rating
Health : 1 Slight Hazard - Irritation or minor reversible injury possible
Flammability : 1 Slight Hazard - Materials that must be preheated before ignition will occur. Includes liquids, solids and semi solids having a flash point above 200 F. (Class IIIB)
Physical : 0 Minimal Hazard - Materials that are normally stable, even under fire conditions, and will NOT react with water, polymerize, decompose, condense, or self-react. Non-Explosives.

Indication of changes:
Section 2. Classification. All chapters have been modified since the previous version (new software).

Safety Data Sheet (SDS), USA

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