DCA Chemicals Technology

Material Safety Data Sheet

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SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

MSDS Name: DCA-135
Company Identification: **Guangzhou Deco Chemical Technology Co., Ltd**
For information, call: +86-20-32371568
For emergencies, call: +86-20-62824805

SECTION 2 - COMPOSITION, INFORMATION ON INGREDIENTS

Ingredient	C.A.S No.	% by Wt
POLYETHER MODIFIED POLYDIMETHYLSILOXANE	Trade secret	100%

SECTION 3 - HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW
Specific Physical Form: liquid
Odor, Color, Grade: viscous, light yellow with odorless
General Physical form: liquid
Immediate health, physical, and environmental hazards: May cause target organ effects.
Eye: Mild Eye Irritation: Signs/symptoms may include redness, pain, and tearing, irritation.
Skin: Moderately toxic by intraperitoneal and subcutaneous routes.
Ingestion: Mildly toxic by ingestion and inhalation.
Inhalation: None.
Chronic: None

SECTION 4 - FIRST AID MEASURES

Eyes: Flush eyes with large amounts of water. If signs/symptoms persist, get medical attention.
Skin: Remove contaminated clothing and shoes. Immediately flush skin with large amounts of water. Get medical attention. Wash contaminated clothing and clean shoes before reuse.
Ingestion: Do not induce vomiting. Give victim two glasses of water. Never give anything by mouth to an unconscious person. Call a physician immediately and get immediate medical attention.
Inhalation: Remove person to fresh air. If signs/symptoms develop, get medical attention
Notes to Physician: No hazards which require special first aid measures.

SECTION 5 - FIRE FIGHTING MEASURES

Suitable extinguishing media: Ordinary combustible material. Use fire extinguishers with class A extinguishing agents (e.g. water, foam foam, carbon dioxide (CO_2), dry chemical, and water spray).
Extinguishing media which must not be used for safety reasons: high volume water jet.
Specific hazards during fire fighting: Burning produces irritant fumes.
Special protective equipment for fire fighters: Wear self-contained breathing apparatus for fire fighting if necessary.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Personal precautions: Avoid inhalation & direct contact with skin & eyes. Use individual protective equipment (safety glasses, waterproof-boots, suitable protective clothing) in case of major spillages.
Environment precautions: Keep away from drains, soils, surface & ground waters.
Cleaning up methods: Remove all potential ignition sources. Contain spilled material.
Spills/Leaks: The spill should be cleaned up by qualified personnel. Ventilate the area with fresh air. For large spill, or spills in confined spaces, provide mechanical ventilation to disperse or exhaust vapors, in accordance with good industrial hygiene practice. Warning! A motor could be an ignition source and could cause flammable gases or vapors in the spill area to burn or explode. Contain spill. Working from around the edges of the spill inward, cover with bentonite, vermiculite, or commercially available inorganic absorbent material. Mix in sufficient absorbent until it appears dry. Collect as much of the spilled material as possible. Clean up residue with water. Collect the resulting residue containing solution. Place in a closed container approved for transportation by appropriate authorities. Observe state, federal & local disposal regulations.

SECTION 7 - HANDLING and STORAGE

Handing
Avoid contact with heat. Do not breathe vapors. Avoid skin contact. Do not eat, drink or smoke when using this product. Wash exposed areas thoroughly with soap and water. Avoid eye contact with vapors, mists, or spray. Use general dilution ventilation and/or local exhaust ventilation to control airborne exposures to below Occupational Exposure Limits. If ventilation is not adequate, use respiratory protection equipment.
Storage
Store should be keep away from heat and ignition sources & naked flames. Keep container in well-ventilated and dry area.

SECTION 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION

Components with workplace control parameters - National regulatory information
Personal Protective Equipment:
Respiratory protection: In case of insufficient ventilation wear suitable respiratory equipment.
Hand protection: Avoid all skin contact. Use chemically resistant gloves if required.
Break through time: 120 min.
Eye protection: tightly fitting safety goggles.
Skin and body protection: long sleeved clothing.
Hygiene measures: Handle in accordance with good industrial hygiene and safety practice.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Liquid
Color: Yellow
Odor: Odorless
pH: N/A
Vapor Pressure: N/A
Viscosity: N/A
Boiling Point: ＞250℃
Freezing/Melting Point: N/A
Autoignition Temperature: N/A
Flash Point: ＞100℃(DIN EN 22719, ISO2719)
Explosion Limits, lower: N/A
Explosion Limits, upper: N/A
Decomposition Temperature: N/A
Solubility in water: Miscible
Specific Gravity/Density: 1.02 g/cm^3 @ 20 °C (0.1013 MPa, DIN EN ISO 2811-3)
Molecular Formula: Trade secret
Molecular Weight: Trade secret

SECTION 10 - STABILITY AND REACTIVITY

Chemical Stability: Stable
Conditions to Avoid: No decomposition if used as directed.
Reactivity: No data available

SECTION 11 - TOXICOLOGICAL INFORMATION

RTECS: None.

SECTION 12 - ECOLOGICAL INFORMATION

Biodegradability: Data not available.
Precautions: Prevent surface contamination of soil, ground & surface water.

SECTION 13 - DISPOSAL CONSIDERATIONS

Waste Disposal Method: Avoid disposing to drainage systems and into the environment. Incinerate in an industrial or commercial facility in the presence of a combustible material.
As a disposal alternative, dispose of waste product in a facility permitted to accept chemical waste.

Since regulations vary, consult applicable regulations or authorities before disposal.

SECTION 14 - TRANSPORT INFORMATION

Land transport
ADR / RID:
Class: /
Packaging group: /
UN-No: /
ADR/RID-Labels: /
Description of the goods: Not dangerous goods
Sea transport
IMDG:
Class: /

Packaging group: /
UN-No: /
EmS: /
Description of the goods: Not dangerous goods
Marine pollutant: no
Air transport
IATA-DGR:
Class: /
Packaging group: /
UN/ID No.: /
Description of the goods: Not dangerous goods

SECTION 15 – REGULATORY INFORMATION

Labeling according to EEC Directive 1999/45/EC
Symbol(s): Xn Harmful
Hazardous components which must be listed on the label: none
R-phrase(s):
R20/21 Harmful by inhalation and in contact with skin.
R38 Irritating to skin.
S-phrase(s): S36/37 Wear suitable protective clothing and gloves.

National legislation
Notification status: The components of the product are listed in EINECS inventory.

SECTION 16 – OTHER INFORMATION

Further information
The information contained herein is based on the present state of our knowledge and does therefore not guarantee certain properties.