

Safety Data Sheet

Revision: 04/16/2014

Hazard information is provided for compliance with both the Globally Harmonized System of Classification and Labeling of Chemicals (GHS) and the UK Chemicals (Hazard Information and Packaging) (CHIP) Regulations

IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY

PRODUCT NAME:
n-DECYL-N,N-DIMETHYLAMINE-N-OXIDE, ANAGRADE

PRODUCT CODE:
D365

SUPPLIER:

Anatrace Products, LLC. 434 West Dussel Drive, Maumee, OH 43537 Phone: (419) 740-6600
Please visit our website at for contact information on Anatrace product distributors within your area.

Emergency Contact:

Chemtrec (800) 424-9300
Outside USA & Canada (703) 527- 3887
Chemtrec ID# 696910

HAZARDS IDENTIFICATION

GHS

Skin irritation (Category 2)
Eye irritation (Category 2A)
Specific organ toxicity-single exposure (Category 3)

LABEL ELEMENTS

Hazard statements

H315 Cause skin irritation.
H319 Causes serious eye irritation.
H335: May cause respiratory irritation

Precautionary statements

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
P280 Wear protective gloves.
P302 + P352 IF ON SKIN: Wash with plenty of soap and water. P304 + P341 IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.
P342+ P311 If experiencing respiratory symptoms: call a POISON CENTER or doctor/physician.
P501 Dispose of contents/containers to an approved disposal plant.

CHIP

Irritant

R & S phrases

R:42/43 May cause sensitization by inhalation and skin contact.
R:36/37/38 Irritating to eyes, respiratory system and skin.
S:22 Do not breathe dust.
S:24 Avoid contact with skin.
S:36/37 Wear suitable protective clothing and gloves

COMPOSITION/INFORMATION ON INGREDIENTS

HAZARD

n-DECYL-N,N-DIMETHYLAMINE-N-OXIDE, ANAGRADE

CAS NO.

2605-79-0

EC NO:

220-020-5

%WT

~100%

SYNONYMS

Decylamine oxide

FIRST-AID MEASURES

BREATHING: Not applicable.
SKIN Contact: Wash thoroughly with soap and water
EYE CONTACT: Immediately flush with large amounts of water for at least 15 minutes, lifting upper and lower lids occasionally. Call a physician.
SWALLOWING: Immediately drink two large glasses of water. Call a physician.

FIRE-FIGHTING INFORMATION

FLASH POINT: >212 F
FLASH METHOD: PMCC
EXTINGUISHING MEDIA: Dry Chemical Water Fog, Alcohol Foam
SPECIAL PROCEDURES: Use equipment suitable for ordinary combustible material.
EXPLOSION HAZARDS: None known.
UPPER EXPLOSION LIMIT: Unavailable
LOWER EXPLOSION LIMIT: Unavailable
AUTO IGNITION TEMP: Unavailable

ACCIDENTAL RELEASE MEASURES

SPILL AND LEAK PROCEDURE: Persons not wearing protective equipment should be excluded from area of spill until clean-up has been completed. Stop spill at source, dike area of spill to prevent spreading. Pump liquid to salvage tank. Remaining liquid may be absorbed on absorbent material and shoveled into containers. Prevent run-off from entering drains, sewers or streams.

HANDLING AND STORAGE

STORAGE: Keep in closed or covered containers when not in use. Store in cool dry place with adequate ventilation, Do not store near heat or open flame.

HANDLING: Exercise caution when handling contents of the container. Wash with soap and water before eating, drinking, smoking, or using toilet facilities. Whenever possible, use mechanical means to move large and/or heavy objects to help prevent back injuries.

PERSONAL PROTECTION

RESPIRATORY PROTECTION: Not required under normal conditions of use.

SKIN PROTECTION: Wear protective gloves such as: Neoprene or BUNA-N.

EYE PROTECTION: Chemical splash goggles in compliance with OSHA regulations are advised.

OTHER PROTECTION: None required.

PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Solid

Vapor Pressure: 17.5 mm/Hg @ 68 F

Solubility (Water): Soluble

Percent Volatile: 65-73

Chemical Formula: C₁₂H₂₇NO

Boiling Point: No data available

Vapor Density: <1 (air)

Specific Gravity: No data available

Evaporation Rate: >1 (ethyl ether)

Melting Point: No data available

STABILITY AND REACTIVITY

INCOMPATIBILITIES: Strong oxidizing agents

DECOMPOSITION: Thermal decomposition products include oxides of carbon and nitrogen compounds.

HAZARDOUS POLYMERIZATION: Cannot Occur STABILITY: Stable

TOXOLOGICAL INFORMATION

EYES: Causes burns

SWALLOWING: Can cause gastrointestinal irritation, nausea, vomiting, diarrhea TOXICITY DATA:

FHSA Acute Oral LDS0: Between 1.0 and 5.0 gm/Kg

FHSA Eye Irritation Score: Corrosive

FHSA Skin Irritation Index: 2.0

CARCINOGENICITY:

This product (or components, if a mixture) is not listed in IARC Monographs, the NTP Sixth Annual Report or the current ACGIH TLVs as a carcinogen or potential carcinogen. It is not regulated by OSHA as a carcinogen.

ECOLOGICAL INFORMATION

No data available

DISPOSAL CONSIDERATIONS

WASTE DISPOSAL: Incineration is the recommended disposal method for all chemical wastes, although material may be landfilled in accordance with all applicable regulations. This product, if disposed of, is not considered a hazardous waste under current RCRA regulations.

TRANSPORTATION INFORMATION

TRANSPORTATION INFORMATION: Not regulated under current DOT, IMO or ICAO regulations.

REGULATORY INFORMATION

SARA requires submission of annual reports of release of toxic chemicals that appear in 40 CFR 372. This information must be included in all MSDS s that are copied and distributed for this material.

Components present in this product at a level which could require reporting under the statute are: NONE.

This data sheet is based upon information believed to be reliable. The Company makes no statement or warranty as to the accuracy or completeness of the information contained herein which is offered for your consideration, investigation and verification. Any use of the information contained in this data sheet must be determined by the user to be in accordance with appropriate applicable regulations.