



Defoamer Safety Data Sheet - SDS

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RENEGADE DEFOAMER

Trade Name Renegade	Service Line
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SECTION II-COMPOSITION/INFORMATION ON INGREDIENTS

PRODUCT COMPOSITION CAS REG NO.	APPROX WGT%	ACGIH TWA	TLV STEL	OSHA TWA	PEL STEL	UNITS
HAZARDOUS						
None Found						
NON-HAZARDOUS						
WATER	30-60	NA	NE	NA	NE	NA
7732-18-5						
DIMETHYLPOLYSILOXANES	10-30	NA	NE	NA	NE	NA
63148-62-9						
SORBITAN	5-10	NA	NE	NA	NE	NA
MONOSTEARATE						
1338-41-6						
POLYOXYETHYLENE	5-10	NA	NE	NA	NE	NA
MONOSTEARATE						
9004-99-3						
HMDZ TREATED SILICA	1-5	10	NE	15	NE	MG/M3
68909-20-6						

SECTION III-HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:
 CAUTION! May irritate the eyes.
 ATTENTION: Not for injection into humans.
 Odorless White liquid

POTENTIAL HEALTH EFFECTS:
 INGESTION: None known
 SKIN CONTACT: None known.
 INHALATION: None Known.
 EYE CONTACT: May cause mild eye irritation.
 MEDICAL CONDITIONS AGGRAVATED: None known.
 SUBCHRONIC (TARGET ORGAN) EFFECTS: None known

CHRONIC EFFECTS/CARCINOGENICITY: This product or one of its ingredients present 0.1% or more is NOT listed as a carcinogen or suspected carcinogen by NTP, IARC, or OSHA.

PRINCIPLE ROUTES OF EXPOSURE: Eyes.
OTHER: Attention: Not for injection into humans.

This product contains methylpolysiloxanes which can generate formaldehyde at approximately 300 degrees Fahrenheit (150°C) and above, in atmospheres which contain oxygen. Formaldehyde is a skin and respiratory sensitizer, eye and throat irritant, acute toxicant, and potential cancer hazard. An MSDS for formaldehyde is available from GE Silicones.

SECTION IV-FIRST AID MEASURES

INGESTION: None known.
SKIN: Wash with soap and water.
INHALATION: None known.
EYES: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention if irritation persists.

NOTE TO PHYSICIAN: None known.

SECTION V-FIRE FIGHTING MEASURES

FLASH POINT: NA (C) NA (F)
METHOD : PMCC
IGNITION TEMP : NA (C) NA (F)
FLAMMABLE LIMITS IN AIR - LOWER (%): NA
FLAMMABLE LIMITS IN AIR - UPPER (%): NA
SENSITIVITY TO MECHANICAL IMPACT (Y/N): NO
SENSITIVITY TO STATIC DISCHARGE:
Sensitivity to static discharge is not expected.
EXTINGUISHING MEDIA: All standard firefighting media

SPECIAL FIREFIGHTING PROCEDURES:
None

SECTION VI-ACCIDENTAL RELEASE MEASURES

ACTION TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:
Wipe, scrape or soak up in an inert material and put in a container for disposal.

SECTION VII-HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:
Keep container closed when not in use.
Avoid contact with eyes.
Keep from freezing.
Keep away from children.

Stir well before using.

SECTION VIII-EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS: None known.
RESPIRATORY PROTECTION: None known.
PROTECTIVE GLOVES: None known.
EYE AND FACE PROTECTION: Safety glasses.
OTHER PROTECTIVE EQUIPMENT: None known.
VENTILATION: Ventilation and other forms of engineering controls are preferred for controlling exposures. Respiratory protection may be needed for non-routine or emergency situations.

SECTION IX-PHYSICAL AND CHEMICAL PROPERTIES

PRODUCT INFORMATION:
BOILING POINT : 100 (C) 212 (F)
VAPOR PRESSURE(20 C) (MM HG): NEG.
VAPOR DENSITY (AIR=1) : UNK
FREEZING POINT : 0 (C) 32 (F)
MELTING POINT : 0 (C) 32 (F)
PHYSICAL STATE : LIQUID
ODOR : ODORLESS
COLOR : MILKY-WHITE
ODOR THRESHOLD (PPM) : UNK
% VOLATILE BY VOLUME : 60
EVAP. RATE (BUTYL ACETATE=1): <1
SPECIFIC GRAVITY (WATER=1) : 1
DENSITY (KG/M3) : 982.6
ACID/ALKALINITY (MEQ/G) : UNKNOWN
PH : UNKNOWN
VOC EXCL.H2O & EXEMPTS (G/L): NT
SOLUBILITY IN WATER (20 C) : NA
SOLUBILITY IN ORGANIC SOLVENT (STATE SOLVENT): UNKNOWN

SECTION X-STABILITY AND REACTIVITY

STABILITY: STABLE
HAZARDOUS POLYMERIZATION: WILL NOT OCCUR
HAZARDOUS THERMAL DECOMPOSITION/COMBUSTION PRODUCTS:
Carbon monoxide.
Carbon dioxide.
Silicon dioxide.
Formaldehyde.

INCOMPATIBILITY (MATERIALS TO AVOID):
None known.

CONDITIONS TO AVOID:
None known.

SECTION XI-TOXICOLOGICAL INFORMATION

PRODUCT INFORMATION:
ACUTE ORAL LD50 (MG/KG): NONE FOUND
ACUTE DERMAL LD50 (MG/KG): NONE FOUND

ACUTE INHALATION LC50 (MG/L): NONE FOUND
OTHER: None.
AMES TEST: UNKNOWN

SECTION XII-ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION: No data at this time
CHEMICAL FATE INFORMATION: No data at this time

SECTION XIII-DISPOSAL CONSIDERATIONS

DISPOSAL METHOD:
Disposal should be made in accordance with federal, state and local regulations.

Incineration recommended in approved incinerator according to federal, state, and local regulations.

SECTION XIV-TRANSPORT INFORMATION

DOT SHIPPING NAME: NONE
DOT HAZARD CLASS: NOT DOT REGULATED
DOT LABEL(S): NONE
UN/NA NUMBER: NONE
PLACARDS: NONE
IATA:
NOT REGULATED BY IATA
IMO IMDG-code: NOT REGULATED FOR OCEAN TRANSPORTATION
EMS No: NA
EUROPEAN CLASS:
RID (OCTI): NONE
ADR (ECE) : NONE
RAR (IATA): NONE

SECTION XV-REGULATORY INFORMATION

SARA SECTION 302:
None Found
SARA (311,312) HAZARD CLASS:
NONE
SARA (313) CHEMICALS:
NONE
CPSC CLASSIFICATION: NONE
WHMIS HAZARD CLASS:
D2A VERY TOXIC MATERIALS
WHMIS TRADE SECRET:
None
EXPORT:
SCHDLE B/HTSUS: 3910.00 Silicones in Primary Form
ECCN: EAR99
HAZARD RATING SYSTEMS

HMIS FLAMMABILITY 0 , REACTIVITY 0 , HEALTH 0
NFPA FLAMMABILITY 0 , REACTIVITY 0 , HEALTH 0

CALIFORNIA PROPOSITION 65: NONE

SECTION XVI-OTHER INFORMATION

This product or its components are on the European inventory of existing commercial chemicals (EINECS)

These data are offered in good faith as typical values and not as product specifications. No warranty, either expressed or implied, is made. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable. However, each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate.

This product or its components are on the Australian inventory (ACQIN)

C = ceiling limit NEGL = negligible
EST= estimated NF = none found
NA = not applicable UNKN = unknown
NE = none established REC = recommended
ND = none determined V = recommended By vendor
By-product = reaction by- SKN = skin
product, TSCA inventory TS = trade secret
status not required under R = recommended
40 CFR part 720.30(h-2) MST = mist
STEL = short term exposure NT = not tested

HMIS RATING

Health.....0
Fire.....0
Reactivity.....0

DISCLAIMER

The above information is to the best of our knowledge, current, accurate, and complete based on information reasonably available to us as of the date of preparation of this form. However, it is the user's responsibility to determine the safety, toxicity and suitability for his or her own use of the product described herein. Since the actual use by others is beyond our control, no guarantee, expressed or implied, is made by us to the effects of such use or on the safety or toxicity of this product. Nor do we assume any liability arising out of use by others of the product. Nor is the information herein to be construed as absolutely complete, since additional information may be necessary or desirable when exception conditions or circumstances exist or because of applicable laws or regulations.