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# *Safety Data Sheet*
# *Foam Go*

## 1. IDENTIFICATION

**Synonyms** **none**
**CAS#** ***see Part 3, below***
**Material Use** **foam breaking agent**

***IN AN EMERGENCY CALL: INFOTRAC 1-800-535-5053***

## 2. HAZARD IDENTIFICATION

**GHS Class (Category)** ***NOT HAZARDOUS***
**Signal Words**

**Hazard Statements** *NONE*
.
**GHS Precautionary Statements for Label** **NONE**

## 3. COMPOSITION

| | CAS NUMBER | % | TLV ppm / mg/m$^3$ | $LD_{50}$ (*mg/kg*) ORAL | $LD_{50}$ (mg/kg) SKIN | $LC_{50}$ ppm INHALATION |
|---|---|---|---|---|---|---|
| Polydimethylsiloxane | 63148-62-9 | >20% | not listed | *see Part 11* | *see Part 11* | *see Part 11* |
| *Proprietary Blend of Non-hazardous Substances* | trade secret* | <80% | not listed | not toxic* | not toxic* | not toxic* |

*** *NOTE:** *The bought-in blend is proprietary. Suppliers' MSDS was used to classify the hazards. Tomco-Harwel has been unable to verify this information. However, the most common foam breaking agents include vegetable oils, fatty alcohols, waxes, and appropriate dispersing agents – all relatively harmless.*

## 4. FIRST AID

SKIN: Wash with soap and plenty of water. Remove contaminated clothing and do not reuse until thoroughly laundered. Seek medical help promptly if there is persistent itching or redness in the affected area.
EYES: Wash eyes with plenty of water, holding eyelids open. Seek medical assistance if there is any irritation.
INHALATION: Remove from contaminated area promptly. **CAUTION: Rescuer must not endanger himself!** If victim's breathing stops, administer artificial respiration and seek medical aid promptly.
INGESTION: Give plenty of water to dilute product. Do not induce vomiting (NOTE below). Keep victim quiet. If vomiting occurs, lower victim's head below hips to prevent inhalation of vomited material. Seek medical help promptly.

*NOTE: Inadvertent inhalation of vomited material may seriously damage the lungs. The danger of this is greater than the risk of poisoning through absorption of this relatively low-toxicity product. The stomach should only be emptied under medical supervision, after the installation of an airway to protect the lungs.*

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## 5. FLAMMABILITY & FIRE-FIGHTING

| | |
|---|---|
| Flash Point | not known – *not flammable* |
| Autoignition Temperature | not known – *cannot burn* |
| Flammable Limits | not known – *not flammable* |
| Combustion Products | carbon monoxide; silicone oxides & formaldehyde may form under fire conditions |
| Firefighting Precautions | as for materials sustaining fire; firefighters must wear SCBA |
| Static Charge Accumulation | readily accumulates a static charge on agitation or pumping, *but no danger of ignition* |

## 6. ACCIDENTAL RELEASE MEASURES

| | |
|---|---|
| Leak Precaution | dike to control spillage and prevent environmental contamination |
| Handling Spill | ventilate contaminated area; recover free liquid with suitable pumps; absorb residue on an inert sorbent, sweep, shovel & store in closed containers for disposal |

## 7. HANDLING & STORAGE

Apart from avoiding contact with oxidizers, no special storage requirements.

Never cut, drill, weld or grind on or near this container. Avoid prolonged contact with skin and wash work clothes frequently. An eye bath should be available near the workplace.

## 8. EXPOSURE CONTROL & PERSONAL PROTECTION

| | | | |
|---|---|---|---|
| ACGIH TLV | not listed | ACGIH STEL | not listed |
| OSHA PEL | not listed | OSHA STEL | not listed |
| Ventilation | no special mechanical ventilation required; *if desired, respirator with dust & mist filter will protect* | | |
| Hands | no special protective gloves required – *if desired, consult supplier for suitably resistant gloves* | | |
| Eyes | safety glasses with side shields – *always protect the eyes* | | |
| Clothing | no special protective clothing required | | |

## 9. PHYSICAL AND CHEMICAL PROPERTIES

| | |
|---|---|
| Odor & Appearance | milky white, odorless liquid |
| Odor Threshold | not known – *odorless* |
| Vapor Pressure | not known |
| Evaporation Rate (*Butyl Acetate = 1*) | not known – *below 1* |
| Vapor Density (air = 1) | heavier than air |
| Boiling Range | 100$^{o}$C / 212$^{o}$C |
| Freezing Point | approx. 0$^{o}$C / 32$^{o}$F |
| Specific Gravity | 1.0 (20/20$^{o}$C) |
| Water Solubility | not known – *dispersible in water* |
| Also soluble in | not known |
| Viscosity | not known – viscous liquid |
| pH | 4-8 |

## 10. REACTIVITY

| | |
|---|---|
| Dangerously Reactive With | none known |
| Also Reactive With | strong oxidizers |
| Chemical Stability | stable; will not polymerize |
| Decomposes in Presence of | high temperature may cause decomposition |
| Decomposition Products | none apart from Hazardous Combustion Products |
| Mechanical Impact | not sensitive |

## 11. TOXICITY INFORMATION

### i. *ACUTE EXPOSURE*

| | |
|---|---|
| Skin Contact | not irritating |
| Skin Absorption | yes, slowly; toxic effects unlikely by this route |
| Eye Contact | not irritating |
| Inhalation | no known effect |
| Ingestion | no known effect – *very low toxicity anticipated* |
| ***Polydimethylsiloxane:*** | *no information available for other ingredients; these are expected to be non-toxic* |
| $LD_{50}$ (oral) | from >10,000 to >46,000mg/kg (rat) – *$LD_{50}$ never achieved; most testing found no mortality* |
| $LD_{50}$ (skin) | >2000 to >32,000 mg/kg (rat), >19,400mg/kg (rabbit) – *no mortality reported* |
| $LC_{50}$ (inhalation) | >535,000mg/$m^3$ – *no sign of toxicity, even with very high aerosol (mist) exposure* |

### ii. *CHRONIC EXPOSURE*

| | |
|---|---|
| General | no known effect |
| Sensitizing | not a sensitizer |
| Carcinogen/Tumorigen | not known to be a tumorigen or a carcinogen in humans or animals |
| Reproductive Effect | no known effect on humans or animals |
| Mutagen | not known to be a mutagen or teratogen in humans or animals |
| Synergistic With | not known |

## 12. ECOLOGICAL INFORMATION

| | |
|---|---|
| ***Polydimethylsiloxane:*** | |
| Bioaccumulation | not a bioaccumulator – *polymethylsiloxane not absorbed via skin or gastrointestinal tract* |
| Biodegradation | not known – DMSD (below) biodegrades slowly to $CO_2$, water and silica |
| Abiotic Degradation | gradually hydrolyses to (water soluble) dimethylsilanediol (DMSD), but see Ref (1), Part 4.3.1 |
| Mobility in soil, water | water insoluble; cannot move in soil and water |
| **Aquatic Toxicity** | |
| $LC_{50}$ (Fish, 96hr) | not known – *due to low water solubility, feeding tests were carried out; 10,000mg/kg/day for 28 days had no adverse effect on Ooncorhynchus mykiss* |
| NOEC (Crustacea, 48hr) | 572mg/kg (Daphnia magna), 2200mg/kg (Hyalella azteca), 2300mg/kg (Ampelisca abdita) |
| $EC_{50}$ (Algae) | not known – *no toxicity observed in various tests* |
| $EC_{50}$ (Bacteria) | not known |

## 13. DISPOSAL CONSIDERATIONS

| | |
|---|---|
| Waste Disposal | **do not flush to sewer**; may be incinerated in approved facility with flue gas monitoring & scrubbing, mix with a suitable flammable waste before incineration |
| Containers | **Drums** should be reused. Recondition and pressure test by a licensed reconditioner prior to re-use.<br>**Pails** must be vented and thoroughly dried prior to crushing and recycling.<br>**IBCs** (intermediate bulk containers): polyethylene bottle must be pressure tested & recertified at 30 months. Replace at 60 months (5 years). Steel containers must be inspected, pressure tested & recertified every 5 years.<br>***Warning: never cut, drill, weld or grind on or near this container, even if empty.*** |

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## 14. TRANSPORT INFORMATION

***USA 49 CFR & Canada/International TDG***

| | |
|---|---|
| Product Identification Number | **UN – not regulated for transport** |
| Shipping Name | **not regulated for transport** |
| Classification | **not regulated for transport** |
| ***Marine Pollution*** | ***not a marine pollutant*** |
| ***ERAP Required*** | ***No*** |

## 15. REGULATIONS

| | |
|---|---|
| **Canada DSL** | **on inventory** |
| **U.S.A. TSCA** | **on inventory** |
| **Europe EINECS** | **on inventory** |

***U.S.A. Regulations:***

**TSCA Requirements:** Section 8(a) of TSCA requires manufacturers of this chemical substance to report preliminary assessment information concerned with production, use, and exposure to EPA as cited in the preamble in 51 FR 41329. Pursuant to section 8(d) of TSCA, EPA promulgated a model Health and Safety Data Reporting Rule. The section 8(d) model rule requires manufacturers, importers, and processors of listed chemical substances and mixtures to submit to EPA copies and lists of unpublished health and safety studies. Dimethyl silicones and siloxanes are included on this list. /Dimethyl Silicones and Siloxanes/

## 16. OTHER INFORMATION

| | |
|---|---|
| **Date of Preparation** | **January 2015** |
| **Date of Revision** | **-** |

Prepared for Coburn Foam Go

*With data from the Registry of Toxic Effects of Chemical Substances (RTECS), Hazardous Substance Data Base (HSDB), Cheminfo (CCOHS), OSHA, IUCLID Datasheets (European Chemical Substance Information System - ESIS), & others sources (below if used), as required/available*

***last page of SDS***

***PLEASE ENSURE THAT THIS SDS IS GIVEN TO, AND EXPLAINED TO PEOPLE USING THIS PRODUCT.***

***EMERGENCY INFORMATION: INFOTRAC 1-800-535-5053***