

# Material Safety Data Sheet

NO-TOIL INDUSTRIES

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**IN AN EMERGENCY, CALL CHEMTREC – 800-424-9300**

## SECTION 1 – IDENTIFICATION

PRODUCT NAME: NO-TOIL BIODEGRADABLE FOAM FILTER OIL  
PRODUCT CODE: NT-201 / NT-218

## SECTION 2 - COMPOSITION/INFORMATION ON INGREDIENTS

<u>NAME</u>	<u>CAS #</u>	<u>%</u>
ISOPROPANOL	67-83-0	24
CARBOXYLIC ACID	61788-89-4	70

## SECTION 3- HAZARDS IDENTIFICATION

SYMPTOMS OF OVEREXPOSURE:

**EYE CONTACT** - EXPOSURE CAN CAUSE EYE IRRITATION. SYMPTOMS MAY INCLUDE STINGING, TEARING, REDNESS AND SWELLING.

**SKIN CONTACT** – EXPOSURE MAY CAUSE MILD SKIN IRRITATION. PROLONGED OR REPEATED EXPOSURE MAY DRY THE SKIN. SYMPTOMS MAY INCLUDE REDNESS, BURNING, DRYING AND CRACKING, AND SKIN BURNS. PRE-EXISTING SKIN DISORDERS MAY BE AGGRAVATED BY EXPOSURE TO THIS MATERIAL. SKIN ABSORPTION POSSIBLE, BUT HARMFUL EFFECTS ARE NOT EXPECTED FROM THIS ROUTE OF EXPOSURE UNDER NORMAL CONDITIONS OF HANDLING AND USE.

**INHALATION** –EXPOSURE TO VAPOR OR MIST IS POSSIBLE. SHORT TERM INHALATION TOXICITY IS LOW. BREATHING SMALL AMOUNTS DURING NORMAL HANDLING IS NOT LIKELY TO CAUSE HARMFUL EFFECTS: BREATHING LARGE AMOUNTS MAY BE HARMFUL. SYMPTOMS OF EXPOSURE MAY INCLUDE.

- IRRITATION (NOSE, THROAT, RESPIRATORY TRACT) PRE-EXISTING LUNG DISORDERS E.G. ASTHMA-LIKE CONDITIONS MAY BE AGGRAVATED BY EXPOSURE TO THIS MATERIAL.

### SECTION 3- HAZARDS IDENTIFICATION CONTINUED

- 
- IMPAIRED COORDINATION
- CONFUSION
- CENTRAL NERVOUS SYSTEM DEPRESSION (DIZZINESS, DROWSINESS, WEAKNESS, FATIGUE, NAUSEA, HEADACHE, UNCONSCIOUSNESS)
- LOW BLOOD PRESSURE
- COMA

**INGESTION** –SINGLE DOSE ORAL TOXICITY IS LOW, SWALLOWING SMALL AMOUNTS DURING NORMAL HANDLING IS NOT LIKELY TO CAUSE HARMFUL EFFECTS; SWALLOWING LARGE AMOUNTS MAY BE HARMFUL.SYMPTOMS MAY INCLUDE.

- GASTROINTESTINAL IRRITATION (NAUSEA, VOMITING, DIARRHEA)
- IMPAIRED COORDINATION
- CENTRAL NERVOUS SYSTEM DEPRESSION.
- RESPIRATORY DEPRESSION
- LOW BLOOD PRESSURE
- EFFECTS ON HEART RATE
- MILD, REVERSABLE LIVER EFFECTS
- PULMONARY EDEMA

PERMISSIBLE EXPOSURE LEVEL: 400<sub>PPM</sub>  
THRESHOLD LIMIT VALUE: 400<sub>PPM</sub>

### SECTION 4 – FIRST AID MEASURES

**EYES CONTACT:** IF SYMPTOMS DEVELOP, MOVE INDIVIDUAL AWAY FROM EXPOSURE AND INTO FRESH AIR, FLUSH EYES GENTLY WITH WATER FOR AT LEAST 15 MINUTES WHILE HOLDING EYELIDS APART. IF SYMPTOMS PERSIST OR THERE IS ANY VISUAL DIFFICULTY, SEEK MEDICAL ATTENTION.

**SKIN CONTACT:** REMOVE CONTAMINATED CLOTHING, WASH EXPOSED AREA WITH SOAP AND WATER. IF SYMPTOMS PERSIST, SEEK MEDICAL ATTENTION. LAUNDER CLOTHING BEFORE REUSE.

**INHALATION:** IF SYMPTOMS DEVELOP, IMMEDIATELY MOVE INDIVIDUAL AWAY FROM EXPOSURE AND INTO FRESH AIR. SEEK IMMEDIATE MEDICAL ATTENTION; KEEP PERSON WARM AND QUIET. IF PERSON IS NOT BREATHING, BEGIN ARTIFICIAL RESPIRATION. IF BREATHING IS DIFFICULT, ADMINISTER OXYGEN.

## SECTION 4- FIRST AID MEASURES CONTINUED

**INGESTION:** SEEK MEDICAL ATTENTION. IF INDIVIDUAL IS DROWSY OR UNCONSCIOUS, DO NOT GIVE ANYTHING BY MOUTH. PLACE INDIVIDUAL ON THE LEFT SIDE WITH THE HEAD DOWN. IF INDIVIDUAL IS CONSCIOUS AND ALERT, INDUCE VOMITING BY GIVING SYRUP OF IPECAC OR BY GENTLY PLACING TWO FINGERS AT THE BACK OF THE THROAT. IF POSSIBLE, DO NOT LEAVE INDIVIDUAL UNATTENDED.

## SECTION 5 – FIRE-FIGHTING MEASURES

**FLASH POINT:** 68°F; 20°C

**EXTINGUISHING MEDIA:** ALCOHOL FOAM, CO<sub>2</sub>, DRY CHEMICALS

**SPECIFIC FIRE FIGHTING PROCEDURES:** WEAR SELF CONTAINED BREATHING APPARATUS WITH A FULL FACEPIECE OPERATED IN THE POSITIVE PRESSURE DEMAND MODE WHEN FIGHTING FIRES.

WATER MAY NOT BE EFFECTIVE FOR FIGHTING FIRES, WATER MAY BE USED TO KEEP FIRE-EXPOSED CONTAINERS COOL UNTIL FIRE IS OUT.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** NEVER USE WELDING OR CUTTING TORCH ON OR NEAR CASES OF PRODUCT BECAUSE PRODUCT CAN IGNITE EXPLOSIVELY

## SECTION 6 – ACCIDENTAL RELEASE MEASURES

**SPILL PROCEDURES:** ABSORB LIQUID WITH ABSORBANT MATERIAL

**LARGE SPILL:** ELIMINATE ALL IGNITION SOURCES. PREVENT RUN-OFF TO SEWERS, STREAMS AND OTHER BODIES OF WATER, FOLLOW ALL LOCAL, STATE AND FEDERAL REGULATIONS.

## SECTION 7 – HANDLING AND STORAGE

VENTILATION AND ENGINEERING CONTROLS: CLOSED AND SEALED PACKAGES NONE REQUIRED.

RESPIRATORY PROTECTION: CLOSED AND SEALED PACKAGES NONE REQUIRED.

GLOVES: NONE REQUIRED

OTHER CLOTHING AND EQUIPMENT: NONE REQUIRED

WORK PRACTICES, HYGIENIC PRACTICES: NONE REQUIRED

OTHER HANDLING AND STORAGE REQUIREMENTS: KEEP AWAY FROM ANY FORM OF FLAME OR EXTREME HEAT.

PROTECTIVE MEASURES DURING MAINTENANCE OF CONTAMINATED EQUIPMENT: NO SPECIAL PRECAUTIONS

## SECTION 8 – EXPOSURE CONTROL AND PERSONAL PROTECTION

ENGINEERING CONTROLS: PROVIDE ADEQUATE VENTILATION TO MAINTAIN AIRBORNE LEVELS BELOW RECOMMENDED EXPOSURE LIMITS.

EYE PROTECTION: USE APPROPRIATE PPE TO PREVENT SPLASHING INTO EYES.

SKIN PROTECTION: GLOVES (VINYL, NITRILE, LATEX, ETC.) SHOULD BE USED IF THERE WILL BE DIRECT CONTACT WITH PRODUCT.

## SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR: RED LIQUID; SLIGHT ALCOHOL ODOR  
BOILING POINT: 180.00° F; 82.22°C @ 760mm Hg                      SPECIFIC GRAVITY: (H<sub>2</sub>O=1) 0.789      PERCENT VOLATILE BY VOLUME: (%) 100  
VAPOR PRESSURE (mmHg): 33.00      SPECIFIC VAPOR DENSITY: (AIR=1) 2.07  
EVAPORATION RATE: 7.70

## SECTION 10 – STABILITY AND REACTIVITY

STABILITY: STABLE

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

## SECTION 10-STABILITY AND REACTIVITY CONTINUED

CONDITIONS TO AVOID: DO NOT USE WITH ALUMINUM EQUIPMENT AT TEMPERATURE ABOVE 120° F. AVOID CONTACT WITH STRONG OXIDIZING AGENTS, ACIDS, CHLORINE, ACETALDEHYDE, ETHYLENE OXIDE, ISOCYANATES.

HAZARDOUS DECOMPOSITION PRODUCTS: MAY FORM TOXIC MATERIALS; CARBON DIOXIDE AND CARBON MONOXIDE.

## SECTION 11- TOXICOLOGY INFORMATION

ROUTES OF ENTRY: ABSORBED THROUGH SKIN, DERMAL CONTACT, EYE CONTACT, AND INHALATION.

### TOXICITY:

ACUTE ORAL TOXICITY (LD50): 3600 MG/KG [MOUSE]

ACUTE DERMAL TOXICITY: (LD50): 12800 MG/KG [RABBIT]

## SECTION 12 – ECOLOGICAL INFORMATION

ECOTOXICITY: TOXICITY IN WATER (LC50): 100000 MG/L 96 HRS [FATHEAD MINNOW].

WHEN SPILLED THIS PRODUCT MAY ACT AS AN OIL, CAUSING A FILM, SHEEN, EMULSION, OR SLUDGE AT OR BENEATH THE SURFACE OF A BODY OF WATER.

## SECTION 13 – DISPOSAL CONSIDERATIONS

DISPOSE OF IN A MANNER CONSISTANT WITH FEDERAL, STATE, AND LOCAL REGULATIONS.

## SECTION 14 – TRANSPORT INFORMATION

SHIPPING INFORMATION / CONTAINERS LESS THAN 2 LITERS

DOT SHIPPING NAME: CONSUMER COMMODITY

DOT HAZARD CLASS: ORM-D

BULK SHIPPING / CONTAINERS LARGER THAN 2 LITERS

DOT SHIPPING NAME: FLAMMABLE LIQUID

DOT HAZARD CLASS: 3

IDENTIFICATION NUMBER: UN1219

## SECTION 15 - REGULATORY INFORMATION

OSHA: HAZARDOUS BY DEFINITION OF HAZARD COMMUNICATION  
STANDARD (29 CFR 1920.1200)

EINECS: THIS PRODUCT IS ON THE EUROPEAN INVENTORY OF EXISTING  
COMMERCIAL CHEMICAL SUBSTANCES.

WHMIS (CANADA)

CLASS B2: FLAMMABLE LIQUID WITH FLASH POINT LOWER  
THAN 37.8° C (100° F).

CLASS D-2B: MATERIAL CAUSING OTHER TOXIC EFFECTS

HMIS (USA):

HEALTH HAZARD: 1

FIRE HAZARD: 3

REACTIVITY: 0

## SECTION 16 - OTHER INFORMATION

MATERIAL DATA SAFETY SHEET

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