

SAFETY DATA SHEET

Date Prepared/Revision: : January 7, 2015

Section 1. Identification

Product Name: : DETRO DUST STOP
Product Name: : 7011 / 7015 / TIS-025
Responsible name: : Regulatory and Safety Compliance

Relevant identified uses of the substance or mixture and uses advised against

Product use : Floor care / Dust control
Supplier : Technical Industrial Sales
18574 South Highway 99E
PO Box 1957
Oregon City, OR 97045
Emergency telephone number : (503) 656-5833
Technical phone number : (360) 687-9960

Section 2. Hazards identification

OSHA/HCS Status : This material contains an ingredient considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200). This MSDS contains valuable information critical to the safe handling and proper use of the product. This MSDS should be retained and available for employees and other users of this product.

Classification of the Substance or mixture : Potential Skin Irritation

GHS label elements:
Hazard pictograms: :



Signal Word : WARNING
Hazard statements : May be harmful if swallowed and enters airways.
May be harmful in contact with skin.

Precautionary Statements
General : Read label before use. Keep out of reach of children. If medical advice is needed have product container, label or this MSDS at hand.

Prevention : Avoid breathing dust/fumes/gas/mist/vapours/spray.
Keep out of reach of children.
Keep only in original container.

Response : IF exposed or concerned: Get medical attention.

Storage : Store locked up

Disposal : Dispose of contents and container in accordance with all local, regional, national and international regulations.

Physical Appearance : Pale Straw to water-white, viscous liquid

Immediate Concerns : Warning! Harmful or fatal if swallowed. Can enter lungs and cause damage. Avoid prolonged breathing of vapors. Avoid contact with eyes and skin. Use only in well ventilated areas.

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Section 2. Hazards identification

Potential Health Effects

- Eyes** : Material may cause eye irritation. Direct contact with the liquid or exposure to its vapors or mists may cause stinging, tearing, redness.
- Skin** : Liquid is mildly irritating to the skin. May cause a burning sensation, redness, and /or swelling. Prolonged or repeated contact can result in defatting and drying of the skin which may result in skin irritation and dermatitis (rash).
- Ingestion** : Liquid is moderately toxic and may be harmful if swallowed. Ingestion of product may result in vomiting; aspiration (breathing) of vomitus into the lungs must be avoided as even small quantities may result in aspiropneumonitis. Serious lung damage and possibly fatal chemical pneumonia (Chemical pneumonitis) can develop if this occurs. May cause central nervous system (CNS) depression resulting in dizziness, light headedness, headache, nausea and loss of coordination. Significant exposure may result in unconsciousness and death.
- Inhalation** : Breathing of high vapor concentrations may cause central nervous system (CNS) depression resulting in dizziness, light-headedness, headache, nausea and loss of coordination. Continued inhalation may result in unconsciousness and death. Vapors expected to be slightly irritating. Prolonged and repeated exposures to high concentrations may cause hearing loss. Chronic hydrocarbon abuse to inhalation exposures has been associated with irregular heart rhythms and potential cardiac arrest.
- Medical Conditions Aggravated** : Personnel with pre-existing skin disorders should avoid contact with this product.
- Cancer Statement** : This product does not require a cancer hazard warning in accordance with the OSHA Hazard Communication Standard.
- Comments Health** : Health studies have shown that exposures to chemicals pose potential health risks which may vary from person to person. Exposures to liquids, vapors, mists or fumes should always be minimized.
- Health Hazards** : Prolonged unprotected exposure to this product will cause skin irritation. Material splashed in eyes will irritate tissues / gently flush material from eyes with clean water. Remove product soaked clothing and wash with mild soap.

Section 3. Composition/information on ingredients

Substance/Mixture : Mixture
Product name : DETRO DUST STOP

| Ingredient name | % | CAS number |
|--|-----------|--------------------|
| Light Naphthenic Hydrotreated Distillates | ≥90 - <95 | <u>64742-53-6</u> |
| Poly(oxy-1,2-ethanedlyl), alpha-(4-nonylphenyl)-omega-hydroxy-, branched polyethylene glycol Dinonylphenyl polyoxyethylene | ≥4 - <5 | <u>127087-87-0</u> |
| Color and Perfume | <.03 | <u>N/A</u> |

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Section 3. Composition/information on ingredients

Any concentration shown as a range is to protect confidentiality or is due to batch variation. There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Section 4. FIRST AID MEASURES

If ingestion, irritation, any type of overexposure or symptoms of overexposure occur during or persists after use of this product, contact a POISON CONTROL CENTER, EMERGENCY ROOM OR PHYSICIAN immediately; have Safety Data Sheet information available. Never give anything by mouth to an unconscious or convulsing person.

Description of necessary first aid measures.

- Eye contact** : Immediately flush with large quantities of clean water for at least 15 minutes, lifting upper and lower eyelids occasionally. Check for And remove any contact lenses. Get medical attention if irritation persists.
- Inhalation** : Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur. Vapor pressure is very low so vapor inhalation under ambient conditions is normally not a problem.
- Skin contact** : Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. Prolonged or repeated skin contact may cause skin irritation. Technical Industrial Sales, (TIS-826)

SIGHNS AND SYMPTOMS OF OVEREXPOSURE

- Acute toxicity** : Early to moderate CNS depression may be evidenced by giddiness, headache, dizziness, and nausea; in extreme cases, unconsciousness and death may occur. Aspiration pneumonitis may be evidenced by coughing, labored breathing and cyanosis.

Section 5. Fire-fighting measures

- Flammable class** : OSHA Class IIIB combustible liquid.
- Extinguishing media** : Use regular foam, water fog, carbon dioxide, dry chemical.
- Hazardous combustions** : Fumes, smoke, carbon monoxide, aldehydes and other decomposition products, in the case of incomplete combustion.
- Explosion hazards** : None identified.
- Fire fighting procedures** : The following procedures for this type of product are based on the recommendations in the National Fire Protection Association's Fire Protection guide on Hazardous Materials", Tenth Edition (1991). Use water to keep fire-exposed containers cool. If a leak or spill has not ignited, use water spray to disperse the vapors and to provide protection for persons attempting to stop a leak. Water spray may be used to flush spills away from exposures.
- Fire fighting equipment** : Minimize breathing of gases, vapor fumes, or decomposition products. Use supplied-air breathing equipment for enclosed or confined spaces or as otherwise needed.

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Section 6. Accidental spill or release procedures

Environmental precautions

Water spill

: This material will float on water and will be transported by storm water runoff. Spills to watercourses such as storm drains, sewers, ditches, streams, ponds, etc. must be contained with dikes, dams, floating booms, pads, etc. as appropriate. Remove trapped product immediately. Spills that enter a waterbody must be immediately reported to the USEPA's National Response Center at (800) 546-2972. Check with your local and state regulators regarding their reporting requirements.

Land spill

: Spills to the ground should be immobilized and removed immediately.

General procedures

: Extinguish any open flames and remove heat sources. Cleanup personnel should wear appropriate personnel protective equipment including impervious clothing, rubber boots, gloves, and splash goggles. Only specially trained or qualified personnel should handle the emergency. Approach release from upwind. Stop or control leak, if this can be done without undue risk. Control runoff and isolate discharged material for proper disposal.

Section 7. Handling and storage

General procedures

: Keep away from flames, sparks or hot surfaces. Never use a torch to cut or weld on or near container. Empty oil containers can contain explosive vapors. NFPA class IIIB Storage. Wash thoroughly after handling.

Handling

: Wash hands thoroughly with soap and water after handling. Do not use gasoline, solvents, kerosene or harsh abrasive skin cleaners for washing exposed skin areas. Take a shower after work if general contact occurs./ Remove oil-soaked clothing and launder before reuse. Launder or discard contaminated shoes and leather gloves.

Comments

: KEEP OUT OF REACH OF CHILDREN! Empty containers retain product residue (liquid and/or vapor) and can be dangerous. Do not pressurize, cut weld, braze, solder, drill, grind, or expose such containers to heat, flame, sparks, static electricity or other sources of ignition; they may explode and cause injury or death. Do not attempt to refill or clean containers since residue is difficult to remove. Empty containers should be completely drained, properly closed for disposal.

Section 8. Exposure controls / personal protection equipment

Exposure guidelines

Osha hazardous components (29 cfr 1910.1200)

Chemical Name

Exposure limits

Light Naphthenic Hydrotreated Distillate

TWA OSHA PEL mg/m3 (mists)

Engineering controls

: Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection Legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

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Section 8. Exposure controls / personal protection equipment

Personal protective equipment

- Eye/face protection** : Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection : Safety glasses with side shields.
- Skin protection** : Wear Chemical resistant gloves such as Poly Vinyl Chloride (PVC), neoprene, nitrile, Poly Vinyl Alcohol (PVA), and Viton gloves or consult your safety equipment supplier. Depending on the conditions of use, protective gloves, apron, boots, head and face protection should be worn.
- Respiratory** : Normally not required if adequate ventilation is available.
- Protective Clothing** : Where splashing is possible, full chemically resistant (e.g.) acid suit and boots. Never wear oil soaked clothing. Launder or dry clean before wearing.
- Other Use Precautions** : Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

Section 9. Physical and chemical properties

- Physical State** : Liquid
- Color** : Clear / Blue
- Odor** : Fresh Scent
- Boiling Point** : >200 deg. F
- Vapor Pressure** : Not Available
- Vapor Density** : Not Available
- Specific Gravity** : 0.88-0.89
- % Solids Weight** : Not Available
- Percent Volatiles** : Not Available
- VOC** : 0.0
- Evaporation Rate** : Not determined for product
- PH** : Not Available
- Flash Point** : 145 deg C
- Auto Ignition Temp** : 302 deg C
- Solubility** : Negligible

Section 10. Stability and reactivity

- Reactivity** : Not available for product
- Chemical stability** : This product is stable
- Hazardous reactions** : Will not occur
- Conditions to Avoid** : Avoid Sources if Ignition
- Incompatibility** : Strong Oxidizers such as liquid chlorine, concentrated oxygen., sodium hypochlorite, calcium hypochlorite. These present a serious explosion hazard.
- Hazardous Decomposition** : Under normal use, hazardous decomposition products should not be produced.

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Section 11. Toxicological information

- Acute** : Oral LD50 (rat) >5 g/kg
- Oral ID 50** : Product has a low order of acute and dermal toxicity, but minutes amounts aspirated into the lungs during ingestion or vomiting may cause mild to severe pulmonary injury and possibly death.
- Inhalation IC50** : Product has a low order of acute and dermal toxicity but minute amounts aspirated into the Lungs during ingestion or vomiting may cause mild to severe pulmonary injury and possibly death.
- Eye effects** : Product contacting the eyes may cause eye irritation.
- Skin effects** : Prolonged or repeated skin contact with this product tends to remove skin oils, possibly leading to irritation and dermatitis; however based on human experience and available toxicological data, this product is judged to be neither a corrosive nor an irritant by OSHA criteria.
- Carcinogenicity** : **Notes:** In accordance with current OSHA Hazard Communication Standard criteria, this product does not require a cancer hazard warning.
- Sensitization** : None Identified.

Section 12. Ecological information

- Environmental data** : None identified
- Chemical fate formation** : If applied to leaves, this product may kill grasses and small plants by interfering with transpiration and respiration. This product is not toxic to fish but may coat gill structures resulting in suffocation if spilled in shallow, running water. Product may be moderately toxic to amphibians by preventing dermal respiration. This product may cause gastrointestinal distress to birds and mammals through ingestion during pelage grooming. This product is rapidly biodegradable. Biodegradation is possible within 90-120 days in aerobic environments at temperatures above 70 deg. F (21 deg. C).

Section 13. Disposal considerations

- Disposal method** : Product, as supplied, does not meet the characteristics of a hazardous waste as defined in 40 CFR 261.21-24. If mixed with other products, waste mixture must be characterized. DO NOT dispose of the product in drains or storm sewers. DO NOT dispose of this product in landfill without prior solidification. Waste product should be recycled. Consider waste brokering.
- EPA Hazardous waste code** : None
- EMPTY CONTAINER** : KEEP OUT OF REACH OF CHILDREN! Empty containers retain product residue and can be dangerous. Contaminated packaging should be emptied as far as possible and after appropriate cleansing may be taken for reuse. Do Not pressurize, cut weld, braze, solder, drill, grind, or expose such containers to heat, flame, sparks, static electricity, or other sources of ignition.
- RCRA/EPA WASTE FORMATION** : Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.+

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Section 14. Transportation information

DOT proper shipping name : Dust Stop
DOT hazard class : None
DOT identification no. : None
DOT packing group : None
DOT rq for product : N/A
DOT marine pollutant : N/A
Whmis : D 2 B

Section 15. Regulatory information

UNITED STATES

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

311/312 Hazard categories : This product should be reported as a delayed (chronic)health hazard.
Fire : No
Pressure generating : No
Reactivity : No
Acute : No
Chronic : Yes
313 Reportable ingredients : This product contains the following components in concentrations above de minimis levels that are listed as toxic chemicals in 40 CFR Part 372 pursuant to the requirements of Section 313 of SARA: Title III: No components were identified.
302/304 Emergency plan : To the best knowledge, none of the chemicals in this product are listed as an extremely hazardous substance under Section 302 of SARA Title III nor does this product contain any other such substances.

CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)

CERCLA REGULATORY : N/A
CERCLA RQ : N/A

TSCA (TOXIC SUBSTANCES CONTROL ACT)

TSCA STATUS : This products components are listed on TSCA.

CANADA

Domestic substances list (inventory : Not Controlled

Section 16. Other information

| HMIS RATING | | NFPA CODES | |
|----------------------------|----------|----------------------------|----------|
| HEALTH | 1 | HEALTH | 1 |
| FLAMMABILITY | 1 | FLAMMABILITY | 1 |
| PHYSICAL HAZARD | 0 | PHYSICAL HAZARD | 0 |
| PERSONAL PROTECTION | 1 | PERSONAL PROTECTION | 1 |

Notice to reader

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.