# MSDS Document

## Product Dynatex® 49576 Anti-Seize & Lubricating Compound

### 1. Chemical Product and Company Identification

**Trade Name of this Product Dynatex® 49576 Anti-Seize & Lubricating Compound**

**MSDS ID DY49576**

**Manufacturer**
Accumetric, LLC
350 Ring Road
Elizabethtown, KY 42701

**Phone Number**
(270) 769-3385
**Emergency Phone**
CHEMTREC (800) 424-9300
**Revision Date** 7/27/2005

| | |
|---|---|
| Health: | 1 |
| Fire: | 4 |
| Reactivity: | 0 |
| Specific | |

### 2. Composition and Information on Ingredients

| Ingredient | CAS Number | Weight % | ACGIH TLV | PEL | STEL |
|---|---|---|---|---|---|
| n-Hexane | 110-54-3 | 35 % | 50 ppm | 50 ppm | |
| Propane | 74-98-6 | 13 % | 2500 ppm as TWA | TWA 1000 ppm | |
| Butane | 106-97-8 | 12 % | 800 ppm as TWA | None | |
| Aluminum, metallic, powder | 7429-90-5 | 1 % | 10 mg/m≈ (TP) | 5 mg/m≈ (RF) | |
| Graphite (natural) | 7782-42-5 | 1 % | 2.0 mg/m≈ resp dust | 15 mg/m≈ | |

### 3. Hazard Identification

**Eye Contact**
Liquid or vapor can cause moderate to severe irritation.

**Skin Contact**
Contact may dry the skin; prolonged contact may cause moderate irritation. Not easily absorbed through the skin. Solvent action can dry and defat the skin causing the skin to crack, leading to dermatitis.

**Inhalation**
Respiratory irritation, headache, nausea, fatigue, drowsiness, impaired coordination.

**Ingestion**
Not a likely route of exposure. If swallowed, seek immediate medical advice and/or attention.

**Existing Conditions Aggravated by Exposure**
No known applicable information.

## 4. First Aid Information

**Eye Contact**
Immediately flush eyes with water for at least 15 minutes. Get medical attention if irritation develops.

**Skin Contact**
Remove from skin and wash throughly with soap and water or waterless cleanser. Get medical attention if irritation or other ill effects develop or persist.

**Inhalation**
Move affected person to fresh air; if breathing is difficult, administer oxygen; if breathing has stopped, give artificial respiration. Get medical attention.

**Ingestion**
DO NOT INDUCE VOMITING. Seek immediate medical attention.

## 5. Fire Fighting Measures

| | |
|---|---|
| **Flash Point** | -156F |
| **FP Method** | Estimated |
| **LEL** | 1.2 |
| **UEL** | 9.5 |

**Extinguishing Media**
Carbon dioxide, water fog (or spray), dry chemical, foam

**Special Fire Fighting Procedures**
Water spray may be ineffective. Water may be used to cool containers to prevent pressure build-up and explosion when exposed to extreme heat. If water is used, fog nozzles preferred. Wear goggles and self-contained breathing apparatus.

**Unusual Fire and Explosion Hazards**
Closed containers may explode from internal pressure build-up when exposed to extreme heat and discharge contents. Vapor accumulation can flash or explode if ignited. Overexposure to decomposition products may cause a health hazard. Symptoms may not be readily apparent. Obtain medical attention.

## 6. Accidental Release Measures

**Steps to be taken in case of spill or release**
Avoid breathing vapors. Ventilate area. Remove all ignition sources of ignition. Clean up

area absorbent material and place in closed containers for disposal.

Dispose of in accordance with local, state and federal regulations.

Before attempting clean up, refer to other sections of this MSDS for hazard caution information.

## 7. Handling and Storage

**Handling**
Do not puncture or incinerate (burn) cans. Do not stick pin, nail or any other sharp objects into opening on top of can. Do not spray in eyes. Do not take internally. See product label for additional information.

**Storage**
Store and use in cool, well-ventilated areas. Do not store above 120F.

**Other Precautions**
Small pressurized containers of flammable products may be stored in areas suitable for ordinary combustibles with with respect to construction, drainage, control of ignition sources, and ventilation except that they should not be stored in basements.

## 8. Exposure Controls and Personal Protection

**Eye Protection**
None under normal use; however, use of safety glasses with splash guards or full face shield is recommended.

**Skin Protection**
None under normal use; however, use of solvent resistant gloves is recommended for prolonged or repeated contact.

**Ventilation**
Sufficient to prevent inhalation of solvent vapors. General dilution and/or local exhaust ventilation in volume or pattern to keep PEL/TLV of most hazardous ingredient below acceptable limit and LEL below stated limit.

**Respiratory Protection**
None under normal use. Avoid breathing vapors. In restricted areas, use approved chemical/mechanical filters designed to remove a combination if particles and vapor. In confined areas, use approved air-line type respirator or hood. Self-contained breathing apparatus is required for vapor concentrations above PEL/TLV limits.

**Other Protective Clothing or Equipment**
None under normal use; however, use of solvent resistant aprons or other clothing is recommended.

**Work/Hygienic Practices**
Eye washes and safety showers in the work place are recommended.

**Note**
These precautions are for room temperature handling. Use at elevated temperatures or aerosol/spray applications may require added precautions.

## 9. Physical and Chemical Properties

| | |
|---|---|
| **Physical State** | Aerosol |
| **Specific Gravity** | 0.71 |
| **Boiling/Cond. Point** | -40F to 144F |
| **Solubility** | Insoluble in water |
| **Evaporation Rate** | Slower than ether |
| **Vapor Density** | Heavier than air |

**Note**
The above information is not intended for use in preparing product specifications. Contact Accumetric LLC before writing specifications.

## 10. Stability and Reactivity

**Chemical Stability**
Stable

**Hazardous Polymerization**
Will not occur

**Conditions to Avoid**
Application to hot surfaces. Storage above 120F. Exposure to open flame.

**Materials to Avoid / Incompatibility**
Avoid contact with strong oxidizing agents.

**Hazardous Decomposition / Combustion By-products**
May produce fumes when heated to decomposition. Fumes may contain carbon monoxide and other toxic fumes.

## 11. Toxicological Information

**NIOSH - Selected LD50s and LC50s**
Hexane (110-54-3)
LC50 Rat 4 hour Not Available
LD50 Rat 4 hour 28,700 mg/kg

Propane (74-98-6)
LC50 Rat 4 hour Not Available
LD50 Rat 4 hour Not Available

Butane (106-97-8)
LC50 Rat 4 hour Not Available
LD50 Rat 4 hour Not Available

**Carcinogenicity**
This product is not known to be a carcinogen.

## 12. Ecological Information

**Environmental Fate and Distribution**
Complete information is not yet available.

**Environmental Effects**
Complete information is not yet available.

**Fate and Effects in Waste Water Treatment Plants**
Complete information is not yet available.

## 13. Disposal Considerations

**Waste Disposal Method**
We make no guarantee or warranty of any kind that the use or disposal of this product complies with all local, state, or federal laws. It is also the obligation of each user of the product mentioned herein to determine and comply with the requirements of all applicable statutes.

This product is not known to be regulated under RCRA regulations, but contains SARA regulated substances. Disposal of unused portions of this product and process waste containing this product should be done only after a careful evaluation and in compliance with all federal, local and state laws.

## 14. Transportation Information

## 15. Regulatory Information

The contents of this MSDS comply with the OSHA Hazard Communication Standard 29 CFR 1910.1200.

**TSCA Status**
All chemical substances in this material are included on or exempted from listing on the TSCA Inventory of Chemical Substances.

**SARA Title III Section 302 Extremely Hazardous Substances**
None

**SARA Title III Section 304 CERCLA Hazardous Substances**
n-Hexane (110-54-3)

**SARA Title III Section 313 Toxic Chemicals**
Aluminum (7429-90-5)
n-Hexane (110-54-3)

**California Proposition 65**
This product contains the following chemical(s) listed by the State of California under the Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65) as being known to cause cancer, birth defects or other reproductive harm:
None known

**New Jersey**
Aluminum (7429-90-5)
Butane (106-97-8)
Hexane (110-54-3)
Propane (74-98-6)

**Pennsylvania**
Aluminum (7429-90-5)
Butane (106-97-8)
Graphite (7782-42-5)
Hexane (110-54-3)
Propane (74-98-6)

## 16. Other Information

**Disclaimer**
The data contained herein is based upon information that Accumetric LLC believes to be reliable. Users of this product have the responsibility to determine that suitability of use and to adopt all necessary precautions to ensure the safety and protection of property and persons involved in said use. All statements to suggestions are made without warranty, expressed or implied, regarding the accuracy of the information, the hazards connected with the use of the material or the results to be obtained from the use thereof.