

MSDS Document

Product Dynatex® 49675 Battery Terminal Cleaner w/ Acid Detector

1. Chemical Product and Company Identification

Trade Name of this Product Dynatex® 49675 Battery Terminal Cleaner w/ Acid Detector

MSDS ID DYN49675

Manufacturer

Dynatex Inc.
350 Ring Road
Elizabethtown, KY 42701

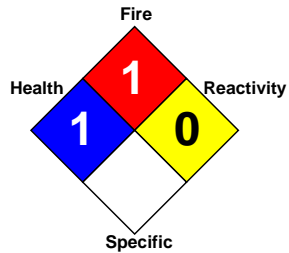
Phone Number

(270) 769-3385

Emergency Phone

CHEMTREC (800) 424-9300

Revision Date 8/18/2009



Health:	1
Fire:	1
Reactivity:	0
Specific	

2. Composition and Information on Ingredients

Ingredient	CAS Number	Weight %	ACGIH TLV	PEL	STEL
2-Butoxy ethanol	111-76-2		20 ppm	50 ppm skin	
Propane	74-98-6		1000 ppm	1000 ppm PEL	
Butane	106-97-8		800 ppm	800 ppm TWA	

3. Hazard Identification

Primary Routes of Entry

Inhalation

Eye Contact

May cause transient irritation.

Existing Conditions Aggravated by Exposure

No known applicable information.

Important

Contents under pressure. Do not smoke while using or use near open flame. Container may explode if heated in any manner. Protect from sunlight and do not expose to temperatures

exceeding 122F/50C (ex: electric lights). Do not pierce or burn container, even after use. Do not spray on a naked flame and any incandescent material. **DO NOT SMOKE WHILE USING THIS PRODUCT.**

Other Precautions

Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fatal.

4. First Aid Information

Eye Contact

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

Skin Contact

Wash with soap and water. If irritation occurs, seek medical attention.

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

Flammability (per flame projection)

Non-flammable

Flammability Limits in Air

Not applicable

Extinguishing Media

Carbon Dioxide, Dry Chemical, Foam

Special Fire Fighting Procedures

Keep containers cool using water spray. Use proper equipment to protect personnel from bursting containers.

Unusual Fire or Explosion Hazards

Contents under pressure. Do not expose to temperatures exceeding 120F as containers may vent, rupture or burst. Fire or explosion could occur by contact of propellant with open flames even though the flame projection tests indicate non-flammability.

6. Accidental Release Measures

Steps to be taken in case of spill or release

Mop up with absorbent material and dispose of in approved containers in accordance with

local, state and federal regulations concerning health, safety and pollution.

7. Handling and Storage

Handling

Do not puncture or incinerate containers. Keep out of reach of children. Read label precautions carefully. Follow label directions to avoid injury. Use only with adequate ventilation. Avoid breathing vapor and spray mist. Avoid contact with skin and eyes. Wash hands after using.

Storage

Store in a cool, dry place away from heat and sources of ignition. Keep lid on this container when not in use. Contents are pressurized, do not leave in a hot car or an area warmer than 120F. Do not puncture or incinerate containers. Keep out of reach of children. Store in accordance with NFPA 30B for Level 1 Aerosols.

Important

Contents under pressure. Do not smoke while using or use near open flame. Container may explode if heated in any manner. Protect from sunlight and do not expose to temperatures exceeding 122F/50C (ex: electric lights). Do not pierce or burn container, even after use. Do not spray on a naked flame and any incandescent material. **DO NOT SMOKE WHILE USING THIS PRODUCT.**

8. Exposure Controls and Personal Protection

Precautionary Measures

Use only with adequate ventilation. Avoid contact with skin and eyes. Avoid breathing vapor and spray mist. Wash hands after using.

Eye Protection

Use proper protection - safety glasses as a minimum.

Skin Protection

None required for normal application of aerosol products where minimal skin contact is expected. For long or repeated contact, wear chemical resistant gloves.

Ventilation

Local exhaust preferable. General exhaust acceptable if exposure is below applicable exposure limits.

Respiratory Protection

If personal exposure cannot be controlled below applicable limits by ventilation, wear a properly fitted organic vapor/particulate respirator approved by NIOSH/MSHA for protection against materials in Section 2.

Other Precautions

Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fatal.

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 liquid
Specific Gravity	1.05
Color/Appearance	Clear orange/yellow
Odor	Mild odor
pH	8.00 - 9.00
Boiling/Cond. Point	>200F
Solubility	Soluble in water
Evaporation Rate	< 1.00 (BuAc=1)
VOC %	10%
Vapor Pressure	Not applicable

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

Open flames; Temperatures above 120F

Materials to Avoid

Avoid contact with strong oxidizers.

Hazardous Decomposition Products

Carbon monoxide, carbon dioxide, hydrocarbons

11. Toxicological Information

Carcinogenicity

This product is not known to be a carcinogen.

NIOSH - Selected LD50s and LC50s

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

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. 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

DOT Road Shipment Information

Description: Consumer Commodity ORM-D
UN Number: UN1950
Hazard Class: 2
Packing Group: N/A

15. Regulatory Information

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

TSCA Status

All chemical substances found in this product comply with the Toxic Substances Control Act inventory reporting requirements.

SARA Title III Section 302 Extremely Hazardous Substances

None

SARA Title III Section 304 CERCLA Hazardous Substances

None

SARA Title III Section 313 Toxic Chemicals

None present or none present in regulated quantities.

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:

A chemical or chemicals known to the State of California to cause cancer, birth defects or other reproductive harm may be present in this product.

New Jersey

Propane (74-98-6)

Butane (106-97-8)

2-Butoxyethanol (111-76-2)

Pennsylvania

Propane (74-98-6)

Butane (106-97-8)

2-Butoxyethanol (111-76-2)

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.