

MSDS Document

Product Dynatex® 49674 Boltlocker Activator

1. Chemical Product and Company Identification

Trade Name of this Product Dynatex® 49674 Boltlocker Activator

MSDS ID DYN49674

Manufacturer

Dynatex Inc.
350 Ring Road
Elizabethtown, KY 42701

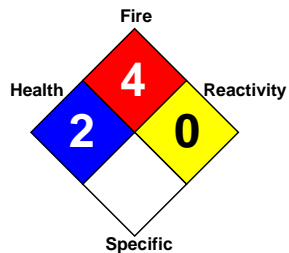
Phone Number

(270) 769-3385

Emergency Phone

CHEMTREC (800) 424-9300

Revision Date 8/4/2008



Health:	2
Fire:	4
Reactivity:	0
Specific	

2. Composition and Information on Ingredients

Ingredient	CAS Number	Weight %	ACGIH TLV	PEL	STEL
Acetone	67-64-1	60% - 80%	750 ppm	750 ppm	1000 ppm
Butane	106-97-8	10% - 15%	800 ppm	800 ppm TWA	
Propane	74-98-6	10% - 15%	1000 ppm	1000 ppm PEL	
N,N-Dimethyl-P-Toluidine	99-97-8	0.5% - 1%	no data	no data	

3. Hazard Identification

Toxicity

Possible eye and respiratory irritant. Narcotic at high concentrations. Prolonged inhalation may cause headaches. Moderately toxic by ingestion. Liquid may dry out skin.

Primary Routes of Entry

Ingestion, inhalation, skin contact

Symptoms of Overexposure

Vapors irritate eyes, nose, and throat. Liquid is an eye irritant and may irritate skin.

Important

Extremely flammable. Do not use around heat, sparks, or open flames. DO NOT SMOKE WHILE USING THIS PRODUCT.

4. First Aid Information

Eye Contact

Flush with warm water for several minutes. Obtain medical attention.

Skin Contact

Remove contaminated clothing and wash skin with soap and water. Get medical attention if irritation persists. Launder clothing before reuse.

Inhalation

Remove to fresh air. If symptoms persist, obtain appropriate medical attention.

Ingestion

Give water to dilute. Do not induce vomiting. Keep individual calm and seek medical attention.

5. Fire Fighting Measures

Flash Point

-4°F

FP Method

Tag Closed Cup

Extinguishing Media

Carbon Dioxide, Dry Chemical, Foam

Special Fire Fighting Procedures

Use water spray to cool down fire exposed containers.

Unusual Fire or Explosion Hazards

Vapors may accumulate in low or confined areas, travel to sources of ignition and flash back. Closed containers may rupture when exposed to excessive heat.

Hazardous Decomposition Products

Thermal breakdown of this product during fire or very high heat conditions may evolve the following hazardous decomposition products:

Oxides of carbon

Oxides of nitrogen

6. Accidental Release Measures

Steps to be taken in case of spill or release

Remove all sources of ignition. Vapors are heavier than air and can travel a considerable distance to an ignition sources. Soak up spill with an inert material and store in a closed metal container until ready for disposal.

Local, state and federal laws and regulations may apply to releases and disposal of this material, as well as those materials and items employed in the cleanup of releases. You will need to determine which federal, state and local laws and regulations are applicable.

7. Handling and Storage

Handling

Keep container tightly closed. Avoid contact with skin. Avoid breathing vapors. Do not use around heat, sparks, or open flames.

Storage

Store away from flame and sparks. Avoid storing in areas over 80F.

Important

Extremely flammable. Do not use around heat, sparks, or open flames. **DO NOT SMOKE WHILE USING THIS PRODUCT.**

Comments

Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal. Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage.

8. Exposure Controls and Personal Protection

Skin Protection

Chemical resistant, impermeable gloves

Eye Protection

Safety goggles or glasses with side shields are recommended.

Respiratory Protection

Use NIOSH approved respirator if there is potential to exceed any exposure limit(s).

Ventilation

Local exhaust ventilation is recommended to maintain vapor level below TLV.

9. Physical and Chemical Properties

Physical State	Liquid
Specific Gravity	0.9
Color/Appearance	Clear
Odor	Sharp, pungent
Boiling/Cond. Point	133°F
Solubility	Miscible in water
Evaporation Rate	1.9 (ether=1)
VOC %	1.02% (EPA Method 24)
Vapor Density	Approximately 2
Vapor Pressure	172mm Hg @ 68°F

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

Materials to Avoid / Incompatibility

Avoid contact with strong oxidizing agents.

11. Toxicological Information

NIOSH - Selected LD50a and LC50s

Acetone (67-64-1)

LC50	Rat	4 hour	Not Available
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LD50	Rat	4 hour	5800 mg/kg
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Propane (74-98-6)

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

LC50	Rat	4 hour	Not Available
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LD50	Rat	4 hour	Not Available
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Chronic Hazards

Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal. Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage.

12. Ecological Information

Environmental Effects

Complete information is not yet available.

Environmental Fate and Distribution

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

Incinerate or dispose of in an approved landfill in accordance with local and EPA

regulations.

14. Transportation Information

DOT Road Shipment Information

Proper Shipping Name: Aerosols, flammable

Hazard Class or Division: 2.1

Identification Number: UN 1950

Packing Group: None

Exceptions: Consumer Commodity ORM-D (not more than 1 liter)

DOT Reportable Quantity: Acetone (CAS number 67-64-1) is reportable at 5000 lbs (2270 kg)

Air Shipment (IATA)

Proper Shipping Name: Aerosols, flammable

Hazard Class or Division: 2.1

Identification Number: UN 1950

Packing Group: None

Exceptions: Consumer Commodity ID8000 (not more than 500 mL)

Ocean Shipment (IMDG)

Proper Shipping Name: Aerosols, flammable

Hazard Class or Division: 2.1

Identification Number: UN 1950

Packing Group: None

Marine Pollutant: None

15. Regulatory Information

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

TSCA (Toxic Substances Control Act) Status

The intentional ingredients of this product are listed.

SARA Title III Section 302 Extremely Hazardous Substances

None

SARA Title III Section 304 CERCLA Hazardous Substances

Acetone (67-64-1)

Reportable Quantity per 40 CFR 302.04 (a) is 5,000 lbs.

SARA Title III Section 312 Hazard Class

Acute: Yes

Chronic: Yes

Fire: Yes

Pressure: No

Reactive: No

SARA Title III Section 313 Toxic Chemicals

None present or none present in regulated quantities.

New Jersey

Acetone (67-64-1)
Butane (106-97-8)
Propane (74-98-6)

Pennsylvania

Acetone (67-64-1)
Butane (106-97-8)
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.