



Safety Data Sheet

Dynatex® 49670 Non-Chlorinated Brake & Parts Cleaner

Section 1. Identification

Product Identifier Dynatex® 49670 Non-Chlorinated Brake & Parts Cleaner
Synonyms 49670CL01
Manufacturer Stock Numbers 49670CL01

Recommended use Refer to Technical Information
Uses advised against Refer to Technical Information

Manufacturer Contact
Address Dynatex a division of Soudal Accumatic
350 Ring Road
Elizabethtown, KY, 42701
USA

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(270) 769-3385

Emergency Phone
(800) 424-9300
CHEMTREC

Fax
(270) 769-6418

Section 2. Hazards Identification

Classification ASPIRATION HAZARD - Category 1
EYE DAMAGE/IRRITATION - Category 2A
FLAMMABLE LIQUIDS - Category 2
SKIN CORROSION/IRRITATION - Category 2
SPECIFIC TARGET ORGAN TOXICITY (Repeated Exposure) - Category 2
SPECIFIC TARGET ORGAN TOXICITY (Single Exposure) - Category 3
TOXIC TO REPRODUCTION - Category 2

Signal Word Danger

Pictogram



Hazard Statements
Causes serious eye irritation
Causes skin irritation
Highly flammable liquid and vapor
May be fatal if swallowed and enters airways
May cause damage to organs (central nervous system) through prolonged or repeated exposure if inhaled.
May cause drowsiness or dizziness
Suspected of damaging fertility or the unborn child.

Precautionary Statements

Response

Call a poison center/doctor if you feel unwell.
Do NOT induce vomiting.
Get medical advice/attention if you feel unwell.
If exposed or concerned: Get medical advice/attention.
If eye irritation persists: Get medical advice/attention.
If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
If inhaled: Remove person to fresh air and keep comfortable for breathing.
If medical advice is needed, have product container or label at hand.
If on skin (or hair): Remove/ Take off immediately all contaminated clothing. Rinse skin with water/ shower.
If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
If skin irritation occurs: Get medical advice/attention.
If swallowed: Immediately call a poison center/doctor.
In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish.
Take off contaminated clothing and wash it before reuse.

Prevention

Avoid breathing dust/fume/gas/mist/ vapors/spray.
Do not breathe dust/fume/gas/mist/ vapors/spray.
Do not handle until all safety precautions have been read and understood.
Ground/bond container and receiving equipment.
Keep away from heat.
Keep container tightly closed.
Obtain special instructions before use.
Take precautionary measures against static discharge.
Use explosion-proof electrical/ventilating/lighting equipment.
Use only non-sparking tools.
Use only outdoors or in a well-ventilated area.
Wash skin thoroughly after handling.
Wear eye protection/face protection.
Wear protective gloves.
Wear protective gloves/eye protection/face protection
Wear protective gloves/protective clothing/eye protection/face protection.

Storage

Store in a well-ventilated place. Keep container tightly closed.
Store in a well-ventilated place. Keep cool.
Store locked up.

Disposal

Dispose of contents/container to an approved waste disposal plant.

Ingredients of unknown toxicity 0%

Hazards not Otherwise
Classified

GHS Label Element Not a hazardous substance or mixture.

GHS Classification Not a hazardous substance or mixture.

Section 3. Ingredients

| CAS | Ingredient Name | Weight % |
|----------|-----------------|-----------|
| 67-63-0 | Isopropanol | 10% - 20% |
| 110-54-3 | Hexane | 70% - 90% |

Occupational exposure limits, if available, are listed in Section 8.

Section 4. First-Aid Measures

| | |
|--------------|---|
| Ingestion | Call a poison control center or physician for advice. Do NOT induce vomiting. Rinse mouth well with water and drink one glass of water. |
| Inhalation | In case of dizziness or other symptoms as a result of prolonged inhalation, remove to fresh air. Seek medical attention if irritation persists. |
| Skin Contact | In cases of irritation, wash with plenty of soap and water, and temporarily discontinue use of the material. Seek medical attention if irritation persists. |
| Eye Contact | Flush with running water for at least 15 minutes. Seek immediate medical attention. |

Section 5. Fire Fighting Measures

| | |
|-----------------------------------|--|
| Suitable Extinguishing Media | Alcohol Foam, Carbon Dioxide, Dry Chemical, Water Spray |
| Unsuitable Extinguishing Media | None known |
| Unsuitable Extinguishing Media | None known |
| Unusual Fire or Explosion Hazards | None known |
| Special Fire Fighting Procedures | Self-contained breathing apparatus and protective clothing should be worn when fighting fires involving chemicals. |
| Combustion Products | Oxides of carbon and nitrogen. |

Section 6. Accidental Release Measures

Steps to be taken in case of spill or release Avoid eye contact. Eliminate all sources of ignition and ventilate area. Contain spilled material. Avoid releases to the environment. No special measures are necessary for the wipes. Pick up and place in a container for disposal. If liquid is spilled, wipe up with a suitable absorbent and place in a suitable container.

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.

Section 7. Handling and Storage

Storage Always store in original container, closed and at temperatures not exceeding 113F (45C). Never expose to direct heat or sunlight.

Handling Avoid eye contact. Avoid breathing vapors. Wash after handling. Keep away from food. Use in a well ventilated area. Keep product away from excessive heat, open flames and other sources of ignition. Do not smoke while using.

Section 8. Exposure Controls/Personal Protection

| Occupational Exposure Limits | Ingredient Name | ACGIH TLV | OSHA PEL | STEL |
|------------------------------|-----------------|-----------|----------|----------|
| | Isopropanol | 400 ppm | 400 ppm | 500 ppm |
| | Hexane | 50 ppm | 500 ppm | 1000 ppm |

Personal Protective Equipment Goggles, Gloves

Exposure Control Avoid eye contact. Do not inhale vapors for a prolonged period.

Component Exposure Limits Dipropylene glycol methyl ether (34590-94-8)
 OSHA PEL-TWA: 100 ppm skin
 ACGIH TLV-TWA: 100 ppm skin
 ACGIH TLV-STEL: 150 ppm

Dimethyl Glutarate (1119-40-0)
 None Established

Petroleum Distillate (64742-49-0)
 OSHA PEL-TWA: 500 ppm skin
 ACGIH TLV-TWA: 300 ppm skin

Dimethyl Succinate (106-65-0)
 None Established

Dimethyl Adipate (627-93-0)
 None Established

Isopropanol
 OSHA PEL-TEA: 400 ppm
 ACGIH TLV-TWA: 200 ppm
 STEL TLV: 400 ppm

Eye Protection None required for normal use of the product wipes.

Skin Protection None required for normal use of the product wipes.

Respiratory Protection Respiratory equipment not required.

Section 9. Physical and Chemical Properties

| | |
|---------------------------------------|-------------------|
| Physical State | Liquid |
| Color | Clear |
| Odor | No data available |
| Odor Threshold | No data available |
| Solubility | No data available |
| Partition coefficient Water/n-octanol | No data available |
| VOC% | N/A |
| Viscosity | N/A |
| Specific Gravity | 0.689 |
| Density lbs/Gal | N/A |
| Pounds per Cubic Foot | N/A |
| Flash Point | < -18C < -0.4F |
| FP Method | N/A |
| Ph | No data available |
| Melting Point | No data available |
| Boiling Point | No data available |
| Boiling Range | N/A |
| LEL | 1.1 |
| UEL | 12 |
| Evaporation Rate | 1 (Ethyl ether) |
| Flammability | No data available |
| Decomposition Temperature | No data available |
| Auto-ignition Temperature | No data available |
| Vapor Pressure | No data available |
| Vapor Density | > 1 (Air = 1.0) |

IMPORTANT

Note

The above information only applies to the liquid portion only.

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

Section 10. Stability and Reactivity

Stability

Stable under ambient conditions. Extrapolated shelf life is at least 18 months in the original container.

Conditions to Avoid

Extreme temperatures. Sources of ignition. Static electricity.

Materials to Avoid / Incompatibility Avoid contact with strong oxidizing agents.
Hazardous Decomposition Products Thermal decomposition will yield oxides and carbon and nitrogen.

Section 11. Toxicological Information

Other Health Hazard Information This product contains n-Methyl-2-pyrrolidone, which causes adverse reproductive effects in laboratory animals.
LD50 of Finished Product Not available

Section 12. Ecological Information

Environmental Fate and Distribution Complete information is not yet available.
Ecotoxicity May be harmful to aquatic organisms.
Persistence and Degradation No information available; however the liquid is over 90% biodegradable.
BOD & COD Not determined

Section 13. Disposal

Product Disposal The used wipe tissue should be disposed of according to local regulations for hazardous materials, preferably in sealed containers.
Package Disposal Packaging should be disposed of in accordance with regulations. Empty package does not pose any special hazard.
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.

Section 14. Transport Information

UN Number 1263
UN Proper Shipping Name PAINT RELATED MATERIAL
DOT Classification 3
Packing Group II
Road & Rail Transport (US DOT and Canadian TDG) Excepted from Hazmat in non-bulk packagings per 49 CFR 173.150(f) and TDG Section 1.33
Sea Transport (IMDG Code) Class: 3
UN 1993
Packing Group: III
EMS Number: F-E, S-E

Marine Pollutant: No
Label: FLAMMABLE LIQUID, NOS (isopropanol)
Air Transport (ICAO/IATA) Class: 3
UN 1993
Packing Group: III
Label: FLAMMABLE LIQUID, NOS (isopropanol)

Section 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 Substances dangereuses None

SARA Title III Section 312 Hazard Class Acute: Yes
Chronic: Yes
Fire: Yes
Pressure: No
Reactive: No

SARA Title III Section 313 Toxic Chemicals n-Methyl-2-Pyrrolidone (872-50-4) 1.5%

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:
N-Methyl-2-Pyrrolidone (872-50-4)

New Jersey Dipropylene Glycol Methyl Ether (34590-94-8)
Pennsylvania Dipropylene Glycol Methyl Ether (34590-94-8)

Section 16. Other Information

Revision Date 12/21/2015

Disclaimer The data contained herein is based upon information that Soudal Accumetric 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 or 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.