



Safety Data Sheet

Dynatex® 49665 Non-Chlorinated Brake & Parts Cleaner

Section 1. Identification

Product Identifier Dynatex® 49665 Non-Chlorinated Brake & Parts Cleaner
Synonyms 49665CL10
Manufacturer Stock Numbers N/A

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

Phone	Emergency Phone	Fax
(270) 769-3385	(800) 424-9300 CHEMTREC	(270) 769-6418

Section 2. Hazards Identification

Classification ACUTE TOXICITY - ORAL - Category 4
EYE DAMAGE/IRRITATION - Category 2B
FLAMMABLE AEROSOLS - Category 1
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 eye irritation
Causes skin irritation
Extremely flammable aerosol
Harmful if swallowed
May cause damage to organs through prolonged or repeated exposure.
May cause respiratory irritation.
Suspected of damaging fertility or the unborn child.

Precautionary Statements

Response

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 on skin: Wash with plenty of soap and water.
If skin irritation occurs: Get medical advice/attention.
If swallowed: Rinse mouth. Do NOT induce vomiting. Call a POISON CENTER or doctor/physician if you feel unwell.
Read label before use.
Rinse mouth.

Prevention

Take off contaminated clothing and wash it before reuse.
Avoid breathing dust/fume/gas/mist/ vapors/spray.
Do not eat, drink or smoke when using this product.
Do not handle until all safety precautions have been read and understood.
Do not spray on an open flame or other ignition source.
Keep away from heat.
Obtain special instructions before use.
Pressurized container: Do not pierce or burn, even after use.
Use only outdoors or in a well-ventilated area.
Wash thoroughly after handling.
Wear protective gloves.

Storage

Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.
Store in a well-ventilated place. Keep container tightly closed.
Store locked up.

Disposal

Dispose of contents/container in accordance local, state and federal regulations.

Ingredients of unknown toxicity

0%

Hazards not Otherwise Classified

Additional Information

None known

Section 3. Ingredients

CAS	Ingredient Name	Weight %
67-56-1	Methyl alcohol	< 4.0 %
108-88-3	Toluene	10% - 20%
142-82-5	Heptane	20% - 40%
67-64-1	2-Propanone	40% - 60%
124-38-9	Carbon dioxide	5% - 10%

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

Section 4. First-Aid Measures

Ingestion	Do NOT induce vomiting. Administer 3-4 glasses of milk or water. Never give anything by mouth to an unconscious person. If vomiting occurs spontaneously, keep head below hips (if sitting) or to the side (if lying down) to prevent aspiration. Get immediate medical attention.
Inhalation	Remove individual to fresh air. Give oxygen if breathing is labored. If breathing has stopped give artificial respiration. Keep person warm, quiet and seek medical attention.
Skin Contact	Remove contaminated clothing and wash skin with soap and water. Get medical attention if irritation persists. Launder clothing before reuse.
Eye Contact	Immediately flush eyes with water for at least 15 minutes. Get medical attention if irritation develops.

Section 5. Fire Fighting Measures

Suitable Extinguishing Media	Dry powder, foam, carbon dioxide.
Unsuitable Extinguishing Media	Water may be ineffective.
Flammability (per flame projection)	Extremely flammable
Unusual Fire and Explosion Hazards	Contents under pressure. Closed containers may explode (due to the build-up of pressure) when exposed to extreme heat. Do not use near fire, sparks or flame. Do not puncture or incinerate container. Do not expose to temperatures exceeding 120F as containers may vent, rupture or burst.
Special Fire Fighting Procedures	Full protective equipment including self-contained breathing apparatus should be use. Water spray may be ineffective. If water is used, fog nozzles are preferable. Water may be used to keep cool closed containers to prevent build-up and possible auto-ignition or explosion when exposed to extreme heat.. Use proper equipment to protect personnel form bursting containers.

Section 6. Accidental Release Measures

Steps to be taken in case of spill or release	Absorb spill with inert material then place in a chemical waste container. Dispose of spill material in accordance with regulations.
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Section 7. Handling and Storage

Important	Extremely flammable. 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.
Storage	Do not store at temperatures above 120F. Do not puncture or incinerate containers. Keep out of reach of children. Store in accordance with NFPA 30B for Level 3 Aerosols.
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.

Section 8. Exposure Controls/Personal Protection

Occupational Exposure Limits	Ingredient Name	ACGIH TLV	OSHA PEL	STEL
	Methyl alcohol	200 ppm	200 ppm	250 ppm
	Toluene	50 ppm skin	100 ppm skin	150 ppm skin
	Heptane	400 ppm	500 ppm	500 ppm
	2-Propanone	500 ppm TWA	1000 ppm TWA	750 ppm
	Carbon dioxide	5000 ppm	5000 ppm	30000 ppm
Personal Protective Equipment	N/A			
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. When sanding or abrading the dried film, wear a dust/mist respirator approved by NIOSH/MSHA for dust which may be generated from this product, underlying paint, or the abrasive.			
Eye Protection	Safety goggles or glasses with side shields are recommended.			
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.			
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.			

Section 9. Physical and Chemical Properties

Physical State	aerosol in pressurized
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	can
Color	Colorless, thin, haze free liquid
Odor	solvent
Odor Threshold	N/A
Solubility	Partially soluble (miscible)
Partition coefficient Water/n-octanol	N/A
VOC%	44.5% see note
Viscosity	< 5 cSt
Specific Gravity	0.78
Density lbs/Gal	N/A
Pounds per Cubic Foot	N/A
Flash Point	-4F -20C (conc.)
FP Method	Estimated
Ph	Not applicable
Melting Point	Not established
Boiling Point	Not established
Boiling Range	N/A
LEL	N/A
UEL	N/A
Evaporation Rate	> 1 (BuAc=1)
Flammability	EXTREMELY FLAMMABLE per Flame Projeccion
Decomposition Temperature	N/A
Auto-ignition Temperature	Not established
Vapor Pressure	N/A
Vapor Density	N/A

Note

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

Section 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

Section 11. Toxicological Information

Carcinogenicity	No ingredient in this product is an IARC, NTP or OSHA listed carcinogen.
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.
Component Toxicology Information	<p>Prolonged or repeated exposure to Hexane may cause damage to nerve tissue of the arms and legs (peripheral neuropathy), resulting in muscular weakness and loss of sensation. This effect may be increased by the presence of Methyl Ethyl Ketone.</p> <p>Prolonged overexposure to solvent ingredients may cause adverse effects to the liver systems.</p> <p>Reports have associated repeated and prolonged overexposure to solvents with permanent brain and nervous system damage.</p>

Section 12. Ecological Information

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

Section 13. Disposal

Waste Disposal Method	Waste from this product may be hazardous as defined under the Resource Conservation and Recovery Act (RCRA). Waste must be tested for ignitability to determine the applicable EPA hazardous waste numbers. Do not incinerate. Depressurize container. Dispose of in accordance with Federal, State and local regulations regarding pollution.
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Section 14. Transport Information

UN Number	1950
UN Proper Shipping Name	Aerosols, flammable
DOT Classification	2.1
Packing Group	Not applicable
IATA	UN Number UN1950 UN proper shipping name Aerosols, flammable (ACETONE, HEPTANE) Transport Hazard Class(es) Class 2.1 Subsidiary risk ---

IMDG	Label(s) 2.1 Packing group Not applicable Environmental hazards No Other information Passenger and cargo aircraft Allowed Cargo aircraft only Allowed UN Number UN1950 UN proper shipping name Aerosols, flammable (ACETONE, HEPTANE) Transport Hazard Class(es) Class 2.1 Subsidiary risk --- Label(s) 2.1 Packing group Not applicable Environmental hazards Marine Pollutant Yes
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Section 15. Regulatory Information

TSCA Status	The contents of this MSDS comply with the OSHA Hazard Communication Standard 29 CFR 1910.1200. 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	2-Propanone (67-64-1) Ethyl acetate (141-78-6) Hexane (110-54-3)
SARA Title III Section 313 Toxic Chemicals	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: Saccharin. Proper usage necessitates no Proposition 65 warning.
New Jersey	Propane (74-98-6) Butane (106-97-8) 2-Propanone (67-64-1) Ethyl acetate (141-78-6) Hexane (110-54-3)
Pennsylvania	Propane (74-98-6) Butane (106-97-8) 2-Propanone (67-64-1) Ethyl acetate (141-78-6) Hexane (110-54-3)

Section 16. Other Information

Revision Date	12/22/2015
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.