



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 49665CL10

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

Eye Contact	Immediately move away from exposure and into fresh air. Flush eyes gently with water for at least 15 minutes while holding eyelids apart; seek immediate 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	Move away from exposure and into fresh air. If symptoms persist, seek medical attention.
Ingestion	Seek medical attention. If individual is drowsy or unconscious, DO NOT give anything by mouth; Contact a physician, medical facility, or poison control center for advice about whether to induce vomiting.
Note to Physician	This material is an aspiration hazard. Potential danger from aspiration must be weighed against possible oral toxicity when deciding whether to induce vomiting.

Section 5. Fire Fighting Measures

Suitable Extinguishing Media	Powder, water spray, foam, carbon dioxide.
Unsuitable Extinguishing Media	Not available.
Flammability (per flame projection)	Extremely flammable
Special Fire Fighting Procedures	Keep containers cool using water spray to avoid bursting containers. Wear full firefighting turn-out gear and respiratory protection. Material is volatile and readily gives off vapors which may travel along the ground or be moved by ventilation and ignited by pilot lights, flames, sparks, heaters, smoking, electric motors, static discharge or other ignition sources at locations near the material handling point
Unusual Hazards	Contents under pressure. Do not use near fire, sparks, or flame. Do not puncture or incinerate container. Exposure to temperatures above 120°F may cause container to burst.

Section 6. Accidental Release Measures

Steps to be taken in case Absorb spill with inert material then place in a chemical waste container.

of spill or release

Dispose of spill material in accordance with regulations.

Section 7. Handling and Storage

Handling

DANGER! EXTREMELY FLAMMABLE. VAPOR MAY CAUSE FLASH FIRE. MAY CAUSE SKIN, EYE AND RESPIRATORY TRACT IRRITATION. MAY BE HARMFUL IF INHALED OR SWALLOWED.

Keep out of reach of children. Read label cautions carefully. Follow label directions to avoid injury. Use with adequate ventilation. Do not use in confined areas. Do not use near sparking tools. Keep away from heat, sparks or open flames. Wash hands after each use before eating, drinking or smoking. Do not smoke while using. Avoid contact with skin and eyes. Do not place near source of heat as container may burst. Intentional misuse by deliberately concentrating and inhaling the contents of this product may be harmful or fatal. Do not puncture container or incinerate.

Storage

Keep out of reach of children. Do not incinerate container. Do not store near heat, sparks, or open flames. Store in a cool, dry, well ventilated area away from incompatible materials. Do not expose to temperatures above 120°F as container may vent, rupture or burst. Do not puncture or incinerate container. Do not store in direct sunlight. Store in accordance with NFPA 30B for Level 3 Aerosols.

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

Goggles

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.

Eye Protection

Wear safety glasses with side shields. Eyewash fountains should be readily available.

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.

Ventilation

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

Precautionary Measures

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

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 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 Projecion
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
Materials to Avoid	Acids, alkalis, reducing agents, chlorine, hypo chlorites, strong oxidizing agents.
Conditions to avoid	Heat, sparks, open flames and temperatures above 120F.
Hazardous Decomposition Products	Thermal breakdown of this product during fire or very high heat conditions may evolve the following hazardous decomposition products: Aldehydes Hydrocarbons Carbon monoxide Carbon dioxide

Section 11. Toxicological Information

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.
Special Hazard Information on Components	No known applicable information.
Component Toxicology Information	No known applicable information.
Carcinogenicity	No ingredient in this product is an IARC, NTP or OSHA listed carcinogen.

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

Disposal Method	Before offering for recycling, empty the container by using the product according to the label. If recycling is not available, wrap the container and discard in the trash. Dispose of the unused product in accordance with regulations. 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.
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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 --- Label(s) 2.1 Packing group Not applicable Environmental hazards No Other information Passenger and cargo aircraft Allowed Cargo aircraft only Allowed
IMDG	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

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 313 Toxic Chemicals	Ingredients that are subject to the reporting requirements of Section 313 EPCRA and 40 CFR 372. Component of a blended material regulated under section 313 of SARA
	Methyl Alcohol (67-56-1) Xylene (1330-20-7) Ethylbenzene (100-41-4) n-Heptane (142-82-5)
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: None known

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.