

Safety Data Sheet

Product Name: BT-5 Degreasing Solution



ChemFree Corporation
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1. IDENTIFICATION

Product Name: BT-5 Degreasing Solution
Other means of identification:
SDS#: CF-005 **Product Code:** BT-5
Recommended Use: Degreasing fluid for the BenchtopPRO parts cleaning system.

SDS Supplier Address:
ChemFree Corporation
8 Meca Way
Norcross, GA 30093

Company Phone Number: 800-521-7182 or 770-564-5580
Company Fax: 770-564-5533
Emergency Telephone (24 hr): INFOTRAC 1-352-323-3500
(International) / 1-800-535-5053 (North America)

2. HAZARDS IDENTIFICATION

Classification:
This chemical does not meet the hazardous criteria set forth by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200). However, this Safety Data Sheet (SDS) contains valuable information critical to the safe handling and proper use of this product. This SDS should be retained and available for employees and other users of this product.

Appearance: Clear liquid
Physical State: Liquid
Odor: Low

3. COMPOSITION/INFORMATION ON INGREDIENTS

The product contains no substances which at their given concentration, are considered to be hazardous to health.

4. FIRST-AID MEASURES

General Advice: It is unlikely that emergency treatment will be required.
Eye Contact: If adverse effects occur, rinse eyes with large amounts of water until irritation subsides. Get medical attention if necessary.

Skin Contact: Wash with soap and water.

Inhalation: If adverse effects occur, remove to fresh air and observe. Get medical attention if necessary.

Ingestion: If adverse effects occur, treat symptomatically and seek medical attention if necessary.

Most important symptoms and effects: Direct contact with eyes may cause temporary irritation. Product is considered a dermal non-irritant and a mild ocular irritant.

Indication of any immediate medical attention and special treatment needed: **NOTES TO PHYSICIAN:** Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable Extinguishing Media: Not determined.

Specific Hazards Arising from the Chemical: None known.

Protective equipment and precautions for firefighters: As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Use personal protective equipment as required.

Methods for Containment: Prevent further leakage or spillage if safe to do so.

Methods for Clean-Up: This material can be washed into a sanitary sewer with large quantities of water.

7. HANDLING AND STORAGE

Precautions for safe handling: Handle in accordance with good industrial hygiene and safety practice.

Storage Conditions: Keep containers tightly closed in a dry, cool and well-ventilated place.

Incompatible Materials: None known based on information supplied.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines: This product presents no health hazards to the user when used according to label directions for its intended purposes.

Appropriate Engineering Controls: None under normal use conditions.

Appropriate Personal Protective Equipment:

Eye/Face Protection: Safety glasses should always be worn in an industrial operation.

Skin and Body Protection: Wear chemical resistant, impervious gloves for routine industrial use.

Respiratory Protection: No protective equipment is needed under normal use conditions.

General Hygiene: Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Liquid	Odor: Low
Appearance: Clear liquid	Odor Threshold: Not determined
Color: Clear	

pH	8.53	Water Solubility	Soluble in water
Melting Point / Freezing Point	Not applicable	Solubility in other solvents	Not determined
Boiling Point / Boiling Range	99 °C / 210 °F	Partition Coefficient	Not determined
Flash Point	None >93 °C / > 200 °F (open cup)	Autoignition Temperature	Not determined
Evaporation Rate	Not determined	Decomposition Temperature	Not determined
Flammability (Solid, Gas)	n/a-liquid	Kinematic Viscosity	Not determined
Upper Flammability Limits	Not applicable	Dynamic Viscosity	Not determined
Lower Flammability Limit	Not applicable	Explosive Properties	Not an explosive
Vapor Pressure	Not determined	Oxidizing Properties	Not determined
Vapor Density	Not determined	VOC Content	<5 g/L
Specific Gravity	1.0156 (1=water)		

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10. STABILITY AND REACTIVITY**Reactivity:** Not reactive under normal conditions.**Chemical Stability:** Stable under recommended storage conditions.**Possibility of Hazardous Reactions:** None under normal processing.**Hazardous Polymerization:** Hazardous polymerization does not occur.**Conditions to Avoid:** Keep out of reach of children.**Incompatible Materials:** None known based on information supplied.**Hazardous Decomposition Products:** None known based on information supplied.**11. TOXICOLOGICAL INFORMATION****Information on likely routes of exposure:****Eye Contact:** Avoid contact with eyes.**Skin Contact:** Avoid contact with skin.**Inhalation:** Avoid breathing vapors or mists.**Ingestion:** Do not taste or swallow.**Information on physical, chemical and toxicological effects:****Symptoms:** Please see section 4 of this SDS for symptoms.**Delayed and immediate effects as well as chronic effects from short and long-term exposure:****Carcinogenicity:** This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.**Numerical measures of toxicity:****Dermal LD50:** 237949 mg/kg**12. ECOLOGICAL INFORMATION****Ecotoxicity:** An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.**Persistence/Degradability:** Detergents and emulsifiers used in this product are biodegradable**Bioaccumulation:** Not determined**Mobility:** Not determined**Other Adverse Effects:** Not determined**13. DISPOSAL CONSIDERATIONS****Waste Treatment Methods:** Disposal should be in accordance with applicable regional, national and local laws and regulations.**Contaminated Packaging:** Disposal should be in accordance with applicable regional, national and local laws and regulations.**14. TRANSPORT INFORMATION****DOT:** Not regulated**IATA:** Not regulated**IMDG:** Not regulated**15. REGULATORY INFORMATION****International Inventories:****TSCA:** *Complies***Legend:****TSCA** - *United States Toxic Substances Control Act Section 8(b) Inventory***DSL/NDSL** - *Canadian Domestic Substances List/Non-Domestic Substances List***EINECS/ELINCS** - *European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances***ENCs** - *Japan Existing and New Chemical Substances IECSC - China Inventory of Existing Chemical Substances KECL - Korean Existing and Evaluated Chemical Substances***PICCS** - *Philippines Inventory of Chemicals and Chemical Substances***US Federal Regulations:****SARA 313:** Not Applicable**US State Regulations: U.S. State Right-to-Know Regulations:** Not determined**16. OTHER INFORMATION**

NFPA	HMIS
Health Hazards: 1	Health Hazards: 1
Flammability: 0	Flammability: 0
Instability: 0	Physical Hazards: 0
Special Hazards: Not determined	Personal Protection: Not determined

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The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

