

SAFETY DATA SHEET



AP530 – Heavy Duty Cleaner / Degreaser

1. IDENTIFICATION OF THE SUBSTANCE OR PREPARATION AND OF THE COMPANY

Identification of Preparation:	AP530
Date of Safety Data Sheet:	September 13, 2021
Use of Preparation:	Cleaner.
Company Identification:	Trichem Solutions Inc. 7506 Bath Road Mississauga, Ontario L4T 1L2 OFFICE: 905-672-8686
Company Emergency Telephone Number	Emergency Phone: 905-672-8686
Transportation Emergency Telephone Number	CANUTEC 613-996-6666 or * 666 for cell phone

2. HAZARD IDENTIFICATION

Emergency Overview:

OSHA / WHMIS 2015 Hazards

Classification of the Substance or Mixture

GHS-US/Canadian classification:

Physical hazards

Not Classified

Health hazards

Skin Corrosion 1A - H314

Eye Damage 1 - H318

Environmental hazards

Not Classified

Label Elements

GHS-US Labeling

Hazard Pictograms (GHS):



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Signal Word (GHS): Danger

Hazard Statements (GHS):

H290-May be corrosive to metals.

H302 - Harmful if swallowed.

H314 - Causes severe skin burns and eye damage.

H318 - Causes serious eye damage.

Precautionary Statements (GHS):

P260 Do not breathe mist.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P315 Get immediate medical advice/attention.

P501 Dispose of contents/container in accordance with local regulations.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Description: Chemical Blend

Ingredient	CAS#	% by Wt	Classification
Ethylene glycol monobutyl ether	111-76-2	3-7	Flammable liquid Category 4 – H227 Skin Irritation Category 2A-H315
Sodium Hydroxide	1310-73-2	1-5	Acute Toxicity Category 2 (Oral) - H300 Skin Corrosion Category 1A – H314 Eye Damage / Irritant Category 1– H318 Aquatic Hazard (Acute) Category 3 – H402

4. FIRST AID MEASURES

Inhalation:	Remove to fresh air. If symptoms persist consult physician.
Eye Contact:	Remove contacts. Flush with water for at least 20 minutes, occasionally lifting the upper and lower eyelids. Get medical attention immediately.
Skin Contact:	Thoroughly wash exposed skin with soap and water. Remove any contaminated clothing and wash before reuse.
Ingestion:	Wash out mouth with water. Drink plenty of water. Do not induce vomiting unless directed by medical personal. Never give anything to an unconscious person. Get medical aid.
Notes to Physician:	Treatment based on judgment of attending physician.

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5. FIRE FIGHTING MEASURES

- Suitable extinguishing media:** Any standard extinguishing media (alcohol foam, water spray or fog, CO2 dry chemical, etc.).
- Unsuitable extinguishing media:** None known.
- Special exposure hazards**
- Special safety equipment:** Self-contained positive pressure breathing apparatus and protective clothing.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures

General Measures: Do not get in eyes, on skin, or on clothing. Do not breathe vapour or mist.

For Non-Emergency Personnel

Protective Equipment: Use appropriate personal protection equipment (PPE).

Emergency Procedures: Evacuate unnecessary personnel.

For Emergency Personnel

Protective Equipment: Equip cleanup crew with proper protection.

Emergency Procedures: Stop leak if safe to do so. Ventilate area.

Environmental Precautions

Prevent entry to sewers and public waters.

Methods and Material for Containment and Cleaning Up

For Containment: Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.

Methods for Cleaning Up: Clear up spills immediately and dispose of waste safely.

Reference to Other Sections: See Heading 8. Exposure controls and personal protection.

7. HANDLING AND STORAGE

Precautions for safe handling:

Ensure good ventilation/exhaustion at the workplace.

Prevent formation of aerosols.

Avoid splashes or spray in enclosed areas.

Information about fire - and explosion protection:

Keep respiratory protective device available.

No special measures required.

Conditions for safe storage, including any incompatibilities

Acids, Oxidizers, reducing agents.

Storage:

Requirements to be met by storerooms and receptacles:

Store in a cool location.

Protect from humidity and water.

Unsuitable material for receptacle: steel.

Unsuitable material for receptacle: aluminium.

Information about storage in one common storage facility:

Do not store together with strong acids.

Store away from oxidizing agents.

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Store away from foodstuffs.

Further information about storage conditions:

Store in cool, dry conditions in well sealed receptacles.

Store receptacle in a well ventilated area.

Keep container tightly sealed.

Specific end use(s) No further relevant information available.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Hand protection:	Chemical resistant gloves.
Eye protection:	Safety goggles or full face shield.
Skin protection:	Use body-covering impervious clothing.
Working hygiene:	Take usual precautions when handling. Workers should wash hands before eating, drinking or smoking.

9. PHYSICAL AND CHEMICAL PROPERTIES

Property	Values	Odour	Remarks/Method
Physical State	Liquid		
Appearance	Clear liquid.	Odour	Typical
Colour	Violet-purple.	Odour Threshold	No data available.
pH	12.0-13.0		
Melting/Freezing Point	No data available		
Boiling Point/Range	No data available		
Flash Point	Not applicable.		
Evaporation Rate	Similar		
Flammability (solid, gas)	Not flammable		
Flammability Limit in Air:			
Upper Limit	No data available		
Lower Limit	No data available		
Vapour Pressure	No data available		
Vapour density	No data available		
Specific Gravity	1.04-1.06 g/cm ³		
Water Solubility	Soluble in water.		
Solubility Other Solvents	No data available		
Partition Coefficient:			
n-octanol/water	No data available		
Autoignition temperature	No data available		
Decomposition Temperature	No data available		
Kinematic Viscosity	No data available		
Dynamic Viscosity	No data available		

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Explosive Properties	No data available	None known
Oxidizing Properties	No data available	None known

Other Properties:

Softening Point	No data available
VOC Content %	No data available
Particle Size	No data available
Particle Size Distribution	No data available

10. STABILITY AND REACTIVITY

Reactivity	No data available.
Chemical stability	Stable under recommended handling and storage conditions (see section 7).
Thermal decomposition/conditions to avoid:	No decomposition if used and stored according to specifications.
Possibility of hazardous reactions	Hazardous polymerization will not occur.
Conditions to avoid	Direct sunlight. Extremely high or low temperatures. Contact with metallic substances.
Hazardous decomposition products	Carbon oxides (CO, CO ₂). Sodium oxides.
Materials to avoid	Metals such as aluminum. Reducing agents. Strong acids.
Hazardous polymerization	Will not occur

11. TOXICOLOGICAL INFORMATION

Information on toxicological effects
Acute toxicity: Not Classified.
LD/LC50 values relevant for classification:
Not available.
On the skin: Causes severe skin burns and eye damage.
On the eye: Causes serious eye damage.
Respiratory or Skin Sensitization: Not classified.
Additional toxicological information:
Carcinogenicity:
Chemical Name None

12. ECOLOGICAL INFORMATION

Toxicity:	Not classified
Persistence and Degradability:	Not available
Bioaccumulative Potential:	Not available
Mobility in Soil:	Not available.

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Other Adverse Effects

Other Information: Avoid release to the environment.

13. DISPOSAL

Waste Disposal Recommendations: Dispose of waste material in accordance with all local, regional, national, and international regulations.

Ecology – Waste Materials: Avoid release to the environment.

14. TRANSPORTATION INFORMATION

Canadian T.D.G.: Regulated Material (quantity under 1 litre can be shipped Limited Quantity)

Proper Shipping Name: Corrosive Liquid, Basic, Inorganic, N.O.S., (Sodium Hydroxide)

Contains (Sodium Hydroxide)

Hazard Class: 8

ID Number: UN 3266

Packing Group: II



Water Transportation (IMDG): Regulated Material

Proper Shipping Name: Corrosive Liquid, Basic, Inorganic, N.O.S., (Sodium Hydroxide)

Contains (Sodium Hydroxide)

Hazard Class: 8

ID Number: UN 3266

Packing Group: II



Air Transportation (IATA): Regulated Material

Proper Shipping Name: Corrosive Liquid, Basic, Inorganic, N.O.S., (Sodium Hydroxide)

Contains (Sodium Hydroxide)

Hazard Class: 8

ID Number: UN 3266

Packing Group: II

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US DOT: Regulated material

Air Transportation (IATA): Regulated Material

Proper Shipping Name: Corrosive Liquid, Basic, Inorganic, N.O.S., (Sodium Hydroxide)

Contains (Sodium Hydroxide)

Hazard Class: 8

ID Number: UN 3266

Packing Group: II



15. REGULATORY INFORMATION

Occupational Health & Safety Regulations:

WHMIS 1988 Classification:

Class D Division 2B - Toxic material causing other toxic effects

Class E - Corrosive material



OSHA & WHMIS: MSDS prepared pursuant to the Hazard Communication Standard (CFR29 1910.1200) and Canadian WHMIS regulations (Controlled Products Regulations under the Hazardous Products Act).

International Inventories

TSCA	-
DSL/NDSL	-
EINECS/ELINCS	Complies
ENCS	Complies
IECSC	Complies
KECL	-
PICCS	-
AICS	Complies

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Legend:

TSCA - All components of this product are listed or are exempt or excluded from listing on the United States Toxic Substances Control Act Section 8(b) Inventory.

DSL/NDL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Commercial Chemical Substances/EU 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

AICS - Australian Inventory of Chemical Substances

U.S. State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals.

HMIS III Rating

Health: 3 Hazard

Flammability: 0 Minimal Hazard

Physical: 0 Minimal Hazard

Personal Protection: B

SDS US (GHS HazCom 2012 and WHMIS 2015)

16. OTHER INFORMATION

Prepared For: Trichem Solutions Inc.
7506 Bath Road
Mississauga, Ontario
L4T 1L2
905-672-8686

Manufactured By: Flexo Products Limited
4777 Kent Avenue
Niagara Falls, Ontario
L2H 1J5
905-354-2723

Issuing Date: September 13, 2021

Disclaimer:

The manufacturer warrants that this product conforms to its standard specification when used according to direction. To the best of our knowledge the information contained herein is accurate. However we do not assume accuracy or completeness of the information contained herein.

Final determination of the suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

End of Safety Data Sheet