

SAFETY DATA SHEET

1. IDENTIFICATION

Product Name: PENTAGONE
Recommended Use: PCB removal
Supplier: Integrated Chemistries
P.O. Box 10558
White Bear Lake, MN 55110
Phone: 651-426-3224
Emergency Phone: CHEM-TEL, INC.
Domestic: 800-255-3924
International: 813-248-0585

2. HAZARDS IDENTIFICATION

Classification

Aspiration hazard	Category 2
Flammable liquid	Category 4
Skin Irritation	Category 3

GHS Label Elements

Signal word: Warning

Pictogram:



Hazard statements:

May be harmful if swallowed and enters airways.
Combustible liquid.
Causes mild skin irritation.

Precautionary statements:

Prevention:

Keep away from flames and hot surfaces, No smoking
Wear protective gloves and face protection

Response:

In case of fire: Use foam, carbon dioxide or water fog to extinguish

IF SWALLOWED: Immediately call a doctor or Poison Center.

Do not induce vomiting

If skin irritation occurs: Get medical attention.

Storage :

Store in a well-ventilated place.

Store locked up.

Keep cool.

Disposal:

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

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	Weight %
Solvent blend	Proprietary	~50
Tall oil fatty acid	61790-12-3	~8
Potassium hydroxide	1310-58-3	~2
Dodecylbenzene sulfonic acid	27176-87-0	~6
Aminoethanol	141-43-5	~6
Tetrapotassium polyphosphate	7320-34-5	~4

4. FIRST AID MEASURES

First aid measures for different exposure routes

Eye contact: Hold eyelids apart and flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation persists.

Skin contact: Rinse the contaminated area thoroughly with water.

Ingestion: If swallowed, call a poison control center/doctor. Do not induce vomiting.

Inhalation: Remove person to fresh air. If respiratory irritation, dizziness, nausea, or unconsciousness occurs, seek immediate medical assistance. If breathing has stopped, give artificial respiration.

Most important symptoms/effects, acute or delayed

Skin: Causes mild skin irritation.

Ingestion: May be harmful if swallowed and enter airways.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media: Foam, carbon dioxide, water fog

Unsuitable Extinguishing Media: Water stream may be unsuitable.

Use water to cool fire-exposed containers

6. ACCIDENTAL RELEASE MEASURES

Personal precautions

Wear protective gloves and face protection. Spilled material is slippery; use care to avoid falling.

Environmental precautions

Prevent spills from entering storm sewers and drains or contact with soil.

Methods for cleaning up

For small spills mop up as much as possible and flush area with water.

For large spills, soak up with absorbent. Shovel into waste containers. Flush area with water.

7. HANDLING AND STORAGE

Avoid contact with eyes. Avoid prolonged or repeated skin contact. Use in well-ventilated area away from all ignition sources. No smoking.

Store at temperatures between 55 and +100°F. Store only in the original container, locked up in a cool, well ventilated place.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Eye protection and impervious gloves should be worn.
Eyewash stations and safety showers should be readily accessible.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance (physical state, color, etc.)	Fluorescent green liquid
Odor.	Solvent
Odor threshold.	No data available
pH.	11
Melting point/freezing point.	No data available
Initial boiling point and boiling range.	No data available
Flash point.	145° F
Evaporation rate.	No data available
Flammability (solid, gas).	No data available
Upper/lower flammability or explosive limits.	No data available
Vapor pressure.	No data available
Vapor density.	No data available
Relative density.	0.97
Solubility(ies).	Dispersible
Partition coefficient: n-octanol/water.	No data available
Auto-ignition temperature.	No data available
Decomposition temperature.	No data available
Viscosity	No data available

10. STABILITY AND REACTIVITY

Chemical stability

Product is stable.

Conditions to avoid

No data available.

Hazardous decomposition products

No data available.

Incompatible materials

Avoid contact with oxidizers, such as bleach.

11. TOXICOLOGICAL INFORMATION

Likely routes of exposure are eyes & skin.

Skin contact

Causes mild skin irritation.

11. TOXICOLOGICAL INFORMATION (continued)

Delayed and chronic effects from short and long term exposure

No data available.

Carcinogens or suspected carcinogenic ingredients

None

12. ECOLOGICAL INFORMATION

No data available.

13. DISPOSAL CONSIDERATIONS

Prevent product from entering storm sewers and drains or contact with soil.
Dispose of container in accordance with local, state and federal regulations.

14. TRANSPORT INFORMATION

DOT Classification: Compounds, Cleaning Liquid, NOI

15. REGULATORY INFORMATION

TSCA

All components are listed.

EPA SARA Title III Section 313

This product contains the following listed ingredients:

Naphthalene 91-20-3
Glycol ether EB 111-76-2
Cyclohexanol 108-93-0

California Safe Drinking Water and Toxic Enforcement Act (Proposition 65)

This product contains the following chemicals known to the State of California to cause cancer:

Naphthalene 91-20-3
Diethanolamine 111-42-2

16. OTHER INFORMATION

Prepared by Thomas Jones
Conforms to GHS standard
May 18, 2015