

SAFETY DATA SHEET

**24-Hour Emergency Number (CHEMTEL)**

USA: 800-255-3924

International: +01-813-248-0585

All non-emergency contacts should be directed to Customer Service: 800-821-7556

BLUE FLASH

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: Blue Flash

Synonyms: None

Recommended Use: Spot and stain removal agent for dry cleaning only.

Company Address: 1909 West Oakridge Drive, Albany, GA 31707

Email: sales@adco-inc.com

Web: www.adco-inc.com

2. COMPOSITION AND INFORMATION ON HAZARDOUS INGREDIENTS

<u>Ingredient</u>	<u>CASNo</u>	<u>Percent</u>
Terpene hydrocarbons	5989-27-5	< 5%



3. HAZARDS IDENTIFICATION

WARNING! CAUSES SKIN AND EYE IRRITATION. FLAMMABLE LIQUID AND VAPOR.

Acute Exposure Hazards:

Inhalation Hazard: No inhalation hazard when used as directed with adequate ventilation.

Ingestion Hazard: Causes irritation of the gastrointestinal tract with vomiting.

Skin Contact Hazard: Causes drying and irritation with prolonged or repeated contact with skin.

Eye Contact Hazard: Causes drying and irritation if splashed into eyes.

Chronic Exposure Hazards: None known.

HMIS Rating: Health – 1 Flammability – 2 Physical Hazard – 0 PPE – User supplied

4. FIRST-AID MEASURES

Inhalation: If inhaled, remove to fresh air.

Ingestion: If swallowed, do not induce vomiting.

Skin Contact: Remove/Take off immediately all contaminated clothing. Wash skin with plenty of soap and water. If skin irritation occurs, get medical advice/attention.

Eye Contact: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice/attention.

5. FIRE FIGHTING MEASURES

Auto-ignition Temperature: No data available.

Flash Point (Method): 135°F (TCC)

Flammable Limits: Terpene hydrocarbons: Upper limit = 6.1, Lower limit = 0.7

Products of Combustion: Burning may produce toxic, irritating vapors.

Specific Fire Hazards: Cool fire-exposed containers with water spray.

Specific Explosion Hazards: Vapors may form combustible or explosive mixture with air.

Fire Fighting Media: Dry chemical, carbon dioxide, water fog, or other media for Class B fires.

NFPA Rating: Health - 1, Flammability - 2, Instability - 0

6. ACCIDENTAL RELEASE MEASURES

Avoid breathing vapors. Keep from sources of ignition. Soak up on absorbent material and transfer to containers for disposal.

7. HANDLING AND STORAGE

Precautions: Keep away from flames and hot surfaces. – No smoking. Keep container tightly closed. Ground/Bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharge.

Storage: Store in a well-ventilated place. Keep cool.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: Facilities storing or using the material should be equipped with eyewash station and a safety shower. Use adequate general or local exhaust ventilation.

Personal Protection: Wear protective safety glasses or appropriate eye protection. Use appropriate protective gloves and protective clothing to prevent skin exposure.

Exposure Limits: Terpene hydrocarbons – 100 ppm TWA (OSHA)

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State and Appearance: Clear - colorless liquid

Odor: Glycol, citrus odor

pH: 5.5-7.0 (10% in H₂O)

Boiling Point: No data available

Freezing/Melting Point: No data available

Decomposition Temperature: No data available

Specific Gravity: 0.98 (Water=1)

Vapor Density: No data available

Vapor Pressure: No data available

Viscosity: No data available

Solubility: Soluble

10. STABILITY AND REACTIVITY

Stability: Stable

Conditions to Avoid: High heat.

Incompatibility With Various Substances: Strong oxidizers.

Hazardous Decomposition Products: Burning may produce toxic, irritating vapors.

Hazardous Polymerization: Will not occur.

11. TOXICOLOGICAL INFORMATION

Routes of Entry: Inhalation, skin absorption, skin contact

Animal Toxicity:

Terpene hydrocarbon:

Oral LD50: 5 g/kg (rat)

Dermal LD50: 5 g/kg (rabbit)

Carcinogenicity: None of the ingredients of this mixture have been identified as a carcinogen or probable carcinogen by ACGIH, IARC, or OSHA.

Epidemiology: No known hazard.

Teratogenicity: No known hazard.

Reproductive Effects: No known hazard.

Mutagenicity: No known hazard.

Neurotoxicity: No known hazard.

12. ECOLOGICAL INFORMATION




Ecotoxicity: No known hazard.

Environmental Fate: This material is not likely to bioconcentrate.

13. DISPOSAL CONSIDERATIONS

Dispose of material and container in municipal landfill in compliance with all local, state and federal regulations.

14. TRANSPORT INFORMATION

	UN Number	Proper Shipping Name	Hazard Class	Packing Group	Labels	Other Information
USDOT	UN 1993	Flammable liquids, nos (terpene hydrocarbon)	3	III		
International (Vessel, IMO)	UN 1993	Flammable liquids, nos (terpene hydrocarbon)	3	III		
International (Air, IATA)	UN 1993	Flammable liquids, nos (terpene hydrocarbon)	3	III		

Note: These shipping designations do not include limited quantity or combustible liquid exceptions that may be allowable. To use these exceptions, see the full text of the applicable regulations.

15. REGULATORY INFORMATION

US Federal Regulations:

OSHA: None of the ingredients are considered highly hazardous by OSHA.

Canada:

WHMIS: This product has a WHMIS classification of B3 and D2B. This product has been classified in accordance with hazard criteria of the Controlled Products Regulations and this MSDS contains all the information required by those regulations.

DSCL (EEC):

Hazard Symbols: Xn

Risk Phrases: R10 – Flammable; R38 – Irritating to skin.

Safety Phrases: S24/25 – Avoid contact with skin and eyes; S36/37 – Wear suitable protective clothing and gloves.

16. OTHER INFORMATION

Last Revised: 02/25/2013

Replaces MSDS of: 01/08/13

The information contained herein is based on current knowledge and experience; no responsibility is accepted that the information is sufficient or correct in all cases. Users should consider these data only as a supplement to other information gathered by them and must make independent determinations of suitability and completeness of information from all sources to assure proper use and disposal of these materials and the safety and health of employees and customers and the protection of the environment.

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