

MSDS Document

Product CAVALCADE

1. Chemical Product and Company Identification

Trade Name of this Product CAVALCADE

MSDS ID DL 1240

Manufacturer

Drummond American
600 Corporate Woods Parkway
Vernon Hills, IL 60061

Contact Name

Corporate Compliance Team

Phone Number

(847) 913-9313

Emergency Phone

(888) 426-4851

Revision Date 02/01/1998

Health:	2
Fire:	0
Reactivity:	0
Specific	

2. Composition and Information on Ingredients

Ingredient	CAS Number	Weight %	ACGIH TLV	PEL	STEL
PHOSPHORIC ACID	7664-38-2	10-30 %		ND	ND
CITRIC ACID	77-92-9	1-10 %		NE	NE
DODECYLBENZENESU LFONIC ACID	1886-81-3	1-10 %		NE	NE

3. Hazard Identification

Target Organs Affected

None.

EFFECTS OF OVEREXPOSURE

Can cause severe skin burns and will burn eyes and respiratory tract. Ingestion can cause internal burns and be fatal.

MEDICAL CONDITIONS PRONE TO OVEREXPOSURE

Liquid causes severe skin & eye burns - wash thoroughly after handl- ing. Severe burns to skin, defatting, dermatitis - corrosive!

Target Organs Effected
EYES & SKIN.

Route Of Entry
Ingestion Inhalation Eyes Skin

4. First Aid Information

EMERGENCY AND FIRST AID PROCEDURES

Remove victim and restore breathing if required. Remove from skin with soap and water.
Flush eyes with copious quantities of water, call physician.

5. Fire Fighting Measures

UNUSUAL FIRE AND EXPLOSION HAZARDS

Reacts with most metals producing hydrogen which is extremely flammable & may explode.

Extinguishing Media
Dry Chemical

FLAMMABILITY CLASSIFICATION
OSHA CLASS NA
DOT Class NA1760

6. Accidental Release Measures

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Neutralize with soda ash & dilute with plenty of water. If laws permit flush to sewer. Stop spill at source. Dike area & contain. Pump liquid to salvage tank. Remainder may be taken up on absorbent material & shoveled into containers.

7. Handling and Storage

OTHER PRECAUTIONS

Do not store above 120 degrees fahrenheit.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Wash hands thoroughly after handling.

Hygienic Practices

Wash hands before eating or using the washroom. Smoke in SMOKING AREAS ONLY.

8. Exposure Controls and Personal Protection

Protective Gloves

Plastic or rubber gloves are recommended.

VENTILATION

Local Exhaust: Necessary Mechanical (General): Necessary

Respiratory Protection

Not Applicable.

Other Protective Equipment

As needed to minimize skin contact.

Eye Protection

Safety glasses or goggles are recommended.

9. Physical and Chemical Properties

Density lbs/Gal.	8.9
Boiling/Cond. Point	212
Evaporation Rate	SLOWER THAN ETHER
Percent Volatile	50.0
Vapor Density	LIGHTER THAN AIR

OPTIONAL INFORMATION:

☐ Appearance/Odor: clear, blue-green liquid with a mild odor."

☐ Specific Gravity: 1.066 Vapor Pressure (mm.Hg): 17.5 (@20C)

☐ Evaporation Rate (Ether=1): longer. Soluble in water: complete.

10. Stability and Reactivity

HAZARDOUS DECOMPOSITION PRODUCTS

Carbon monoxide, Carbon dioxide, Phosphorus pentoxide from heating.

INCOMPATIBILITY (MATERIALS TO AVOID)

Isolate from alkalis, amines and non-resistant metals.

CONDITIONS TO AVOID

Stable but reacts with most metals producing hydrogen which is extremely flammable & may explode.

Stability

Stable

Hazardous Polymerization

Will not occur

11. Toxicological Information

CARCINOGENICITY

None of the components in this chemical are listed by IARC, NTP or OSHA as a carcinogen.

12. Ecological Information

13. Disposal Considerations

WASTE DISPOSAL METHOD

SMALL: Evaporate until all vapors are gone. Dispose or remainder by legally applicable methods. LARGE: Recycle or neutralize with soda ash & dilute with plenty of water. If laws permit, flush to sewer observing local, state & federal health, safety & pollution laws.

14. Transportation Information

D.O.T. EMERGENCY RESPONSE INFORMATION

CORROSIVE LIQUID, N.O.S., [PHOSPHORIC ACID & DODECYLBENZENESULFONIC ACID]

U.N. CLASSIFICATION

PER DOT COR

PER IMCO NA

15. Regulatory Information

16. Other Information