

MSDS Document

Product SOVEREIGN

1. Chemical Product and Company Identification

Trade Name of this Product SOVEREIGN

MSDS ID DL 2370

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 01/12/2001

Health:	2
Fire:	1
Reactivity:	0
Specific	

2. Composition and Information on Ingredients

Ingredient	CAS Number	Weight %	ACGIH TLV	PEL	STEL
SODIUM XYLENE SULFONATE	1300-72-7	5-10 %		ND	ND
TETRAPOTASSIUM PYROPHOSPHATE	7320-34-5	3-6 %		ND	ND
TETRASODIUM EDTA	64-02-8	1-5 %	ND	ND	ND
SODIUM DODECYLBENZENE SULFONATE	25155-30-0	1-5 %	ND	ND	ND
"SODIUM METASILICATE, ANHYDROUS"	6834-92-0	1-5 %	ND	ND	ND
ORANGE OIL	8008-57-9	< 1 %		ND	ND
WATER	7732-18-5	> 50 %	NE	NE	NE

3. Hazard Identification

Route Of Entry

Inhalation Eyes Skin

EFFECTS OF OVEREXPOSURE

EYE CONTACT: Exposure to vapors and/or mists may cause mild to severe irritation. Prolonged or repeated exposure may cause extensive corneal injury. SKIN CONTACT: May cause moderate irritation. Prolonged or repeated contact may lead to damage to skin. INHALATION: May produce respiratory tract irritation, coughing, chest discomfort, shortness of breath, and reduced lung function. INGESTION: May cause gastrointestinal irritation, including sore throat, abdominal pain, nausea, vomiting, and diarrhea.

Target Organs Affected

Aspiration into lungs from vomiting or ingestion may cause severe permanent damage.

MEDICAL CONDITIONS PRONE TO OVEREXPOSURE

Pre-existing skin, eye and respiratory disorders may be aggravated by exposure to this product.

4. First Aid Information

EMERGENCY AND FIRST AID PROCEDURES

EYES: While lifting eyelids, flush with water for at least 15 minutes. SKIN: Remove contaminated clothing. Wipe excess from skin. Wash with soap and water for at least 15 minutes. INHALATION: Remove victim to fresh air. Seek immediate medical attention. INGESTION: Do NOT induce vomiting. Give water or milk to conscious victim. Contact physician or Poison Control Center immediately.

5. Fire Fighting Measures

Flash Point > 200 F
FP Method Tag Closed Cup

Extinguishing Media

Sand Water Fog Dry Chemical Carbon Dioxide Foam

SPECIAL FIREFIGHTING PROCEDURES

Clear area of unprotected personnel. Do not enter confined fire space without helmet, face shield, bunker coat, gloves, rubber boots, and a positive pressure NIOSH-approved, self-contained breathing apparatus.

UNUSUAL FIRE AND EXPLOSION HAZARDS

Containers exposed to intense heat from fires should be cooled with water to prevent vapor pressure buildup which could result in container rupture. Containers that are exposed to direct flame should be cooled with water to eliminate structural weakening of the container's wall and possible rupture.

FLAMMABILITY CLASSIFICATION

OSHA CLASS N/A

DOT Class N/A

6. Accidental Release Measures

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

SMALL SPILLS: Absorb with inert material and place in a non-leaking container; seal tightly for proper disposal.

LARGE SPILLS: Dike and contain spill and run-off. Remove with vacuum trucks or pump to storage vessel. Follow small spill directions for excess product. Flush area with water.

7. Handling and Storage

OTHER PRECAUTIONS

Keep out of reach of children. Read entire label before use. Avoid product contact with skin and eyes. Do not inhale or ingest.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Store in a cool dry area. Use in area with adequate ventilation. Avoid using or storing near oxidizing materials, strong acids, nitrosating agents, and lead, copper, aluminum and their alloys.

Hygienic Practices

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

8. Exposure Controls and Personal Protection

VENTILATION

LOCAL: None required. MECHANICAL (General): Maintain adequate ventilation.

RESPIRATORY PROTECTION

None required with adequate ventilation.

OTHER PROTECTIVE EQUIPMENT

An eye wash station and safety shower should be available for emergency use.

EYE PROTECTION

ANSI approved safety glasses or splash goggles are recommended to prevent eye contact. Contact lenses should not be worn when using this product.

PROTECTIVE GLOVES

Wear appropriate gloves to prevent contact with skin.

9. Physical and Chemical Properties

Density lbs/Gal.	8.72
Boiling/Cond. Point	212
Evaporation Rate	Slower than ether
Percent Volatile	0.3
Vapor Density	Heavier than air

OPTIONAL INFORMATION:

"Appearance/Odor: Orange liquid, pleasantly scented."

Solubility in water: Complete

pH: 12.4

10. Stability and Reactivity

Stability

Stable

Hazardous Polymerization

Will not occur

HAZARDOUS DECOMPOSITION PRODUCTS

Oxides and compounds of nitrogen, sulfur, and carbon may be formed upon combustion.

INCOMPATIBILITY (MATERIALS TO AVOID)

Avoid oxidizing materials, strong acids, nitrosating agents, and metals such as lead, copper, aluminum and their alloys.

CONDITIONS TO AVOID

Do not store or use near incompatible materials. Keep away from heat, open flame, sparks, and other sources of ignition.

11. Toxicological Information

Carcinogenicity

IARC - No

NTP - No

OSHA - No

12. Ecological Information

Ecological Information

No information available.

13. Disposal Considerations

Waste Disposal Method

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

14. Transportation Information

D.O.T. Emergency Response Information

Not Applicable.

U.N. CLASSIFICATION
PER DOT N/A
PER IMCO N/A

15. Regulatory Information

CPR Certification

This product has been classified in accordance with the hazard criteria of the Controlled Product Regulations and the MSDS contains all of the information required by the Controlled Product Regulations.

16. Other Information

Other Precautions

No information available.