

SAFETY DATA SHEET

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: **ES 3004**

Validation Date: 09/01/13

Company Identification:

Contact Information:

US Headquarters
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2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

WARNING! CAUSES EYE, SKIN, RESPIRATORY TRACT, AND GASTROINTESTINAL TRACT IRRITATION. MAY CAUSE CENTRAL NERVOUS SYSTEM EFFECTS. HARMFUL IF SWALLOWED.
Do not get in eyes, on skin, or on clothing. Do not breathe dust or mist. Wash thoroughly after handling. Keep container closed. Avoid contact with heat, acids, or oxidizing agents. Use only with adequate ventilation.

POTENTIAL HEALTH EFFECTS

EYES: Irritating to the eyes. Symptoms of irritation may include redness, itching or tearing. May cause burns.
SKIN: Irritating to the skin. Symptoms may include redness, itching, or tingling.
INGESTION: Can cause gastrointestinal irritation, nausea, vomiting and diarrhea
INHALATION: Irritating to the respiratory system. May cause burns
CHRONIC: No data available.
GENERAL INFORMATION: Read the entire SDS for a more thorough evaluation of the hazards.

3. COMPOSITION / INFORMATION ON INGREDIENTS

INGREDIENT(S)	CAS Number	Weight %
Tolytriazole, Sodium Salt	64665-57-2	10-20
Polyacrylate	Proprietary	10-20
Sodium Molybdate	7631-95-0	1-5

4. FIRST AID MEASURES

EYE CONTACT: Get medical attention immediately. . Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. After 5 minutes, check for and remove any contact lenses. Continue to rinse for at least 15 minutes.
SKIN CONTACT: Get medical attention immediately. Wash with plenty of water. Remove contaminated clothing and shoes. Continue to rinse for at least 15 minutes. Wash clothing before reuse. Clean shoes thoroughly before reuse. Destroy contaminated shoes.
INHALATION: Get medical aid immediately. Remove from exposure and move to fresh air immediately and keep in position comfortable for breathing. If breathing is difficult, give oxygen. Do NOT use mouth-to-mouth resuscitation. If breathing has ceased apply artificial respiration using oxygen and a suitable mechanical device such as a bag and a mask.

INGESTION: Get medical attention immediately. Do NOT induce vomiting. If victim is conscious and alert, wash out mouth with water then give water. Never give anything by mouth to an unconscious person. If vomiting occurs spontaneously, keep airway clear.

NOTES TO PHYSICIAN: Treat symptomatically and supportively.

5. FIRE FIGHTING MEASURES

NOTE: Solid product. Product will melt and combustion may occur when exposed to fire.

General information: As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion. Use water spray to keep fire-exposed containers cool.

Extinguishing Media: Use any media suitable for the surrounding area. Use water spray to cool fire exposed containers. Do NOT use straight streams of water.

6. ACCIDENTAL RELEASE MEASURES

IN CASE OF SPILL OR OTHER RELEASE: Remove sources of ignition. Ventilate area. Use appropriate personal protective equipment as indicated in Section 8 of the SDS when risk assessment indicates this is necessary. Use non-sparking tools and equipment. Sweep or shovel spilled materials into suitable containers. Dispose of in accordance with all local, state and federal requirements. Do not allow product or residues to enter waterway or any source of drinking water.

7. HANDLING AND STORAGE

HANDLING: Use appropriate personal protective equipment (see Section 8). Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Do not get in eyes or on skin or clothing. Do not breathe vapor or mist. Do not ingest. Use only with adequate ventilation. Keep in the original container. Store and use away from heat, sparks, open flame or any other ignition source. Do not reuse container.

STORAGE: Store in accordance with local regulations. Store in a segregated and approved area. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Separate from oxidizing materials and acids. Keep container tightly closed and sealed until ready for use.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS: Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower (ANSI Z358.1). Use adequate general or local explosion-proof ventilation.

Ingredients(s)	CAS Number	ACGIH	NIOSH	OSHA
Sodium Molybdate		Listed under molybdenum soluble compounds 0.5mg/m3 TWA	Listed under molybdenum soluble compounds 1000mg/m3 IDLH	Listed under molybdenum soluble compounds 5mg/m3 TWA

PERSONAL PROTECTIVE EQUIPMENT

Eyes: Wear chemical splash goggles that meet the requirements of 29 CFR 1910.133 or European Standard EN 166.

Skin: Wear appropriate protective gloves to prevent skin exposure (29CFR1910.138 or EN 374).

Clothing: Wear appropriate protective clothing to prevent skin exposure.

Respirators: A respiratory protection program that meets OSHA 29 CFR 1910.134 and ANSI Z88.2 requirements or European Standard EN 149 must be followed whenever workplace conditions warrant respirator use.

9. PHYSICAL AND CHEMICAL PROPERTIES

FORM: Solid

ODOR: Characteristic
COLOR: Tan to brown
pH: 8-9@ 1%
SOLUBILITY IN WATER: Complete (slowly)

10. STABILITY AND REACTIVITY

STABILITY: The product is stable.

INCOMPATIBILITY WITH VARIOUS SUBSTANCES: Reactive or incompatible with the following materials: oxidizing materials, acids, reducing materials.

HAZARDOUS POLYMERIZATION: Under normal conditions of storage and use, hazardous polymerization will not occur.

HAZARDOUS DECOMPOSITION PRODUCTS: Decomposition products may include the following materials: carbon monoxide, sodium oxide, nitrogen oxides.

11. TOXICOLOGICAL INFORMATION

Toxicity: No Data Available For Product

Carcinogenicity

Product/Ingredient Name	ACGIH	IARC	NTP
Sodium Molybdate	A3	-	-

12. ECOLOGICAL INFORMATION

ENVIRONMENTAL INFORMATION: No Data Available For Product

13. DISPOSAL CONSIDERATIONS

Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. U.S. EPA guidelines for the classifications are listed in 40CFR 261.3. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.

14. TRANSPORTATION INFORMATION

U.S. Bill of Lading Description: Not D.O.T. Regulated

15. REGULATORY INFORMATION

INTERNATIONAL INVENTORIES

All components of this product are listed on the following inventories: U.S.A. (TSCA), Canada (DSL).

U.S. REGULATIONS

California Proposition 65: This product contains a chemical(s) known to the state of California to cause birth defects or other

reproductive harm (acrylonitrile, acrylamide).

STATE RIGHT TO KNOW (RTK)

INGREDIENT(S)	CAS#	MA	NJ	PA	MN	CA
-	-	-	-	-	-	-

CERCLA/SARA 302/304

INGREDIENT(S)	CAS#	Weight %	CERCLA/SARA RQ (lbs)	Section 302 TPQ (lbs)
-	-	-	-	-

SARA 311/312 Hazard Categories

Immediate: X
 Delayed: -
 Fire: -
 Reactivity: -
 Sudden Release of Pressure: -

SARA 313

None

Clean Air Act:

This material does not contain any hazardous air pollutants.

Clean Water Act:

None of the chemicals in this product are listed as Hazardous Substances under the CWA.

European/International Regulations

European Labeling in Accordance with EC Directives

Hazard Symbols:

Xi

Risk Phrases:

R 22 Harmful if swallowed
 R 36/37/38 Irritating to eyes, respiratory system and skin.

Safety Phrases:

S 24/25 Avoid contact with skin and eyes.

WMHIS (Canada)

Class D-2B: Material causing other toxic effects.



16. OTHER INFORMATION

Hazardous Material

Information System (U.S.A.) Health: 2 Flammability: 0 Reactivity: 0

National Fire Protection

Association (U.S.A.) Health: 2 Flammability: 0 Reactivity: 0

HMIS and NFPA use a numbering scale ranging from 0 to 4 to indicate the degree of hazard. A value of 0 means that the substance possesses essentially no hazard; a rating of 4 indicates high hazard.

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Prepared By: Compliance Group

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