MATERIAL SAFETY DATA SHEET
OSHA-20 DATA

Material Safety Data Sheet May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200. Standard must be consulted for specific requirements.	U.S. Department of Labor Occupational Safety and Health Administration (Non-Mandatory Form) Form Approved OMB No. 1218-0072
IDENTITY (As used on Label and List) **OXY STOP BROWN**	Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.

Section I

Manufacturer's Name **MEC Chemicals**	Emergency Telephone Number **1-800-831-4963**
Address (Number, Street, city, State, and ZIP Code) **625 Simmons Lane, Johnstown, PA 15909**	Telephone Number for Information **1-800-831-4963**
	Date Prepared **11-17-99**
	Signature of Preparer (optional)

Section II – Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
Sodium Nitrate CAS# 7632-00-0	**NONE**	**NONE**		**<4**

Material has no TLV or high level of toxicity to humans. Listed above so that reaction with secondary Amines if found in other processing aids can be avoided. Chemical reaction with secondary Amines can form potentially carcinogenic nitrosamines. It is also an oxidizing agent but not Hazardous in this water-based product.

SARA TITLE III SECTION 313 REPORTING IS NOT REQUIRED FOR THIS MATERIAL.

Section III – Physical/Chemical Characteristics

Boiling Point **212 F**		Specific Gravity (H_2O = 1) **1.090**	
Vapor Pressure (mm Hg.) **20 mm**		Melting Point	
Vapor Density (AIR = 1) **NA**		Evaporation Rate (WATER = 1) **1**	

Solubility in Water
100%

Appearance and Odor
Clear odorless liquid.

Section IV – Fire and Explosion Hazard Data

Flash Point (Method Used) **None, TCC**	Flammable Limits **NA**	LEL	UEL

Extinguishing Media
None required

Special Fire Fighting Procedures
None required

Unusual Fire and Explosion Hazards
None

Section V – Reactivity Data

Stability	Unstable		Conditions to Avoid
	Stable **X**		

Incompatibility (Materials to Avoid) **NONE**

Hazardous Decomposition or Byproducts **NONE**

Hazardous Polymerization	May Occur		Conditions to Avoid
	Will Not Occur	**X**	

Section VI – Health Hazard Data

Route(s) of Entry:	Inhalation? **YES**	Skin? **YES**	Ingestion? **YES**

Health Hazards (Acute and Chronic)

Carcinogenicity:	NTP?	IARC Monographs?	OSHA Regulated?

Signs and Symptoms of Exposure **Irritated eyes and skin from contact with the cleaner concentrate. Severe diarrhea and gastrointestinal track irritation from ingestion of the concentrate. Lung and throat irritation from excess inhalation of vapors or misted product.**

Medical Conditions
Generally Aggravated by Exposure

Emergency and First Aid Procedures: **Eyes – Wash with water until irritation stops; if it persists see a physician. Skin – Wash from open skin areas with water until irritation stops. Remove contaminated clothing and wash before reuse. Ingestion – drink lots of water and see a physician. Note to physician- treat as soap or detergent concentrate ingestion. Wash from skin with water.**

Steps to Be Taken in Case Material is Released or Spilled: **Contain spill and pick up excess liquid with a mop or wet-vac. Wash residue to sewer. Neutralize residue with an organic acid and wash to sewer with lots of water. Product is rapidly biodegradable.**

Waste Disposal Method: **Sewer or landfill following local regulations.**

Precautions to Be Taken in Handling and Storing: **Store between 35 and 150 F.**

Other Precautions: **Keep out of reach of children. Keep containers closed.**

Section VII – Precautions for Safe Handling and Use

Respiratory Protection *(Specify Type)*: **NIONE REQUIRED**

Ventilation: **NA**	Local Exhaust:	Special
	Mechanical *(General)*	

Protective Gloves: **Yes, rubber or vinyl.** | **Eye Protection: Glasses or goggles**

Other Protective Clothing or Equipment: **Eye wash and shower for major contact.**

Work/Hygienic Practices: **Wash after handling concentrate and before eating.**