

NALCO CHEMICAL COMPANY
P.O. Box 200
Chagrin Falls, OH 44022
(440) 247-5000

For sales office or product literature call (800) 669-0053

IN THE EVENT OF A CHEMICAL SPILL, LEAK, FIRE, EXPOSURE OR ACCIDENT CALL
CHEMTREC AT 1-800-424-9300.

MATERIAL SAFETY DATA SHEET

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Rev. # 3

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= SECTION I: PRODUCT IDENTIFICATION

898

TRADE NAME: NB-46
CHEMICAL NAME: Sulfite
CHEMICAL FAMILY: BOILER OXYGEN SCAVENGER

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= SECTION II: HAZARDOUS INGREDIENTS

	CAS #	%	TLV
sodium sulfite	7757-83-7	15-25	not est

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= SECTION III: PHYSICAL DATA

Boiling point (F): Above 212°F	Specific Gravity: 1.215
Vapor Pressure (mm Hg): Unknown	Percent Volatile by volume: 78.11
Vapor Density (air=1): Same as water	Evap. Rate (water=1): unknown
Solubility in Water: Complete	pH: 10-11
Density: 10.13 lbs/gal	pH (1% soln.): 9.8
Appearance and Odor: Clear, dark brown solution with slight odor	

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= SECTION IV: FIRE PROTECTION INFORMATION

Flash Point: N/A
Flammable Limits: N/A
Extinguishing Media: Water, foam, CO2 or dry chemical.

Special Fire Fighting Procedures: Keep drums that are exposed to fire cool with water. Wear protective clothing and SCBA.

Unusual Fire and Explosion Hazards: May generate sulfur oxides.

National Fire Protection Association (NFPA) Rating (in fire conditions):
Toxicity: 2 Fire: 0 Reactivity: 0 Special: -

Hazard Rating: 4=extreme 3=high 2=moderate 1=slight 0=insignificant

Date: 10/10/00

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SECTION V: HEALTH HAZARD INFORMATION

PRIMARY ROUTE(S) OF ENTRY:

Skin: X

Eye: X

Inhalation: X

Ingestion: X

Acute Effects of Exposure: Inhalation of mists may irritate or damage respiratory tract. Corrosive to skin, eyes and mucous membranes. Sulfite sensitive individuals may experience a severe allergic reaction.

Chronic Effects of Exposure:

Not a known or suspect carcinogen. (Reference to OSHA, NTP, IARC) May cause irritant dermatitis.

Medical Conditions Which May Be Aggravated By Handling This Product: Persons with impaired breathing may be at increased risk if concentrated mists are inhaled. Open wounds, rashes or sores may be irritated.

Emergency and First Aid Procedures:

Skin: Flush with water, then wash thoroughly with soap and water.

Eyes: Flush with water for 15 minutes and seek medical attention.

Ingestion: Drink plenty of water and consult a physician immediately. Avoid alcoholic beverages. Do not give anything by mouth to an unconscious person. Do not induce vomiting.

Inhalation: Move victim to fresh air. Seek medical attention if breathing difficulty persists. Apply artificial respiration if necessary.

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For additional non-emergency information call: Safety and Regulatory Dept.
P.O. Box 200
Chagrin Falls, OH 44022
(440) 247-5000

Date: 10/10/00

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= SECTION VI: REACTIVITY DATA

Stable: Yes: X No: Hazardous Polymerization: Yes: No: X

Conditions to Avoid:
Strong acids

Materials to Avoid:
Acids, metals such as aluminum, tin, zinc and alloys containing these metals.
Avoid contact with leather or wool.

Hazardous Decomposition Products:
Oxides of sulfur.

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= SECTION VII: SPILL OR LEAK PROCEDURES/WASTE DISPOSAL

Spill or Leak Procedures: Contain spill if without risk. Neutralize small
spills with a weak acid in a well ventilated area and flush to sanitary sewer
if in accordance with local, state and federal requirements. Larger
spills should be absorbed with inert material and containerized for disposal.

Waste Disposal: This product if disposed of as supplied, does not qualify as a
RCRA hazardous waste. Dispose of in accordance with local, state and federal
requirements. Rinse container into system being treated.

Additional Regulatory Information:

CERCLA:

SARA Title III:

Sec. 313 Toxic Chemical Release - This product does not contain any ingredients
(at 1% or greater) on the Toxic Chemical List.

Sec. 302-304 Extremely Hazardous Substances - This product does not contain
ingredients on the Extremely Hazardous Substance List.

Sec. 311-312 Inventory Reporting, Hazard Category - Acute

California Proposition 65: This product does not contain ingredients known to
the state of California to cause cancer or reproductive toxicity.

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= Date: 10/10/00

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= SECTION VIII: OCCUPATIONAL PROTECTIVE EQUIPMENT

Eye: Chemical safety glasses or face shield.

Respiratory: Not required under normal conditions of use.

Skin: Rubber or impervious gloves.

Local Exhaust: Recommended in confined spaces. Mechanical exhaust ventilation sufficient to remove air contaminants from operator's area.

Other: Rubber apron if splashing likely, eye wash and emergency shower equipment.

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= SECTION IX: PRECAUTIONARY MEASURES Avoid skin and eye contact. Do not take internally. Keep container closed when not in use. Avoid breathing vapors or mists. Wash thoroughly after handling and before eating, drinking, or smoking. Keep from freezing.

Refer to the Material Safety Data Sheet Glossary of Terms for additional information.

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= SECTION X: TRANSPORTATION INFORMATION

DOT Label: CORROSIVE

DOT Proper Shipping Name: CORROSIVE LIQUID, N.O.S.
(contains sodium sulfite)

DOT Hazard Class/I.D. #: 8, UN 1760, PG, III

U.S. Surface Freight Classification: Compounds, Boiler Preserving
Liquid

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= SECTION XI: ADDITIONAL INFORMATION

FDA: Complies with 21 CFR 173.310

USDA: As above

EPA: All ingredients reported on TSCA Inventory.

Aquatic Toxicity: Not tested

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= Date: 10/10/00

The information contained herein is furnished without warranty of any kind. Users should consider these data only as a supplement to other information gathered by them and must make independent determinations of the suitability and completeness of information from all sources to assure proper use and disposal of these materials and the health of employees and customers.