NO MOR PROBLEMS®
SAFETY DATA SHEET

Section 1: Chemical Product and Company Identification

Product name: No Mor Problems®

Catalog Codes: SLS3820, SLS1600

CAS#: 7647-15-6

RTECS: VZ3150000

TSCA: TSCA 8(b) inventory: Sodium Bromide

CI#: Not available

Synonym: Bromide salt of sodium

Chemical Name: Sodium Bromide

Chemical Formula: NaBr

Contact Information:

United Chemical Corporation

3741 E Telegraph Rd

Piru, CA 93040

US Sales: 800-524-5550

Order Online: www.unitedchemicalcorp.com

Non-emergency assistance: 800-524-5550

Section 2: Hazards Identification

Physical Hazards: Not classified.

Health Hazards: Skin irritation - Category 2

Eye irritation - Category 2A

Environmental Hazards: Not classified.

OSHA Defined Hazards: Not classified.

Label Elements (GHS-US):

Signal Word (GHS-US): Warning

Hazard Statement (GHS-US): Causes skin irritation. Causes eye irritation.

Precautionary Statements (GHS-US):

Prevention: Wash thoroughly after handling.

Response: If on skin: Wash with soap and water. Cover the irritated skin with an emollient. Get medical attention.
If in eyes: Immediately flush eyes with plenty of water for several minutes. Remove contact lenses.

Storage: Store away from incompatible materials.

Disposal: Dispose of waste and residues in accordance with local authority requirements.

Hazard(s) not otherwise classified (HNOC): None known.

Supplemental Information: Not applicable.

Section 3: Composition and Information on Ingredients

Chemical Name	CAS Number	% by weight
Sodium Bromide	7647-15-6	

No Mor Problems® is a proprietary composition and the exact concentrations of compostion have been withheld as a trade secret.

Section 4: First Aid Measures

Eye Contact:

Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Cold water may be used. Get medical attention.

Skin Contact:

Wash with soap and water. Cover the irritated skin with an emollient. Get medical attention if irritation develops. Cold water may be used.

Inhalation:

If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

Ingestion:

Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Loosen tight clothing such as a collar, tie, belt or waistband. Get medical attention if symptoms appear.

Section 5: Fire and Explosion

Flammability of the Product:

Non-flammable. Auto-Ignition Temperature: Not applicable. Flash Points: Not applicable.

Flammable Limits:

Not applicable.

Products of Combustion:

Not available.

Fire Hazards in Presence of Various Substances:

Not applicable.

Explosion Hazards in Presence of Various Substances:

Risks of explosion of the product in presence of mechanical impact: Not available. Risks of explosion of the product in presence of static discharge: Not available.

Fire Fighting Media and Instructions:

Not applicable. Special Remarks on Fire Hazards: Not available. Special Remarks on Explosion Hazards: Not available.

Section 6: Accidental Release Measures

Small Spill:

Use appropriate tools to put the spilled solid in a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.

Large Spill:

Use a shovel to put the material into a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system.

Environmental Precautions:
Avoid discharge into drains, water courses or onto the ground.

Section 7: Handling and Storage

Precautions:

Do not ingest. Do not breathe dust. Avoid contact with eyes. Wear suitable protective clothing. In case of insufficient ventilation, wear suitable respiratory equipment. If ingested, seek medical advice immediately and show the container or the label. Keep away from incompatibles such as oxidizing agents, acids.

Storage:

Keep container tightly closed. Keep container in a cool, well-ventilated area. Do not store above 25°C (77°F).

Section 8: Exposure Controls/Personal Protection

Engineering Controls:

Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

Personal Protection:

Splash goggles. Lab coat. Dust respirator. Be sure to use an approved/certified respirator or equivalent. Gloves.

Personal Protection in Case of a Large Spill:

Splash goggles. Full suit. Dust respirator. Boots. Gloves. A self contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

Exposure Limits:

Not available.

Section 9: Physical and Chemical Properties

Physical state and appearance:

Blue Liquid. Odor: Not available.

Taste:

Not available.

Molecular Weight:

Not available.

Color:

Blue

pH (1% soln/water):

6.5-8.0

Boiling Point:

1390°C (2534°F)

Melting Point:

Not available.

Critical Temperature:

Not available.

Specific Gravity:

3.21 (Water = 1)

Vapor Pressure:

Not applicable.

Vapor Density:

Not available.

Volatility:

Not available.

Odor Threshold:

Not available.

Water/Oil Dist. Coeff.:

Not available.

Ionicity (in Water):

Not available.

Dispersion Properties:

See solubility in water.

Solubility:

Easily soluble in cold water, hot water.

Section 10: Stability and Reactivity

Stability:

The product is stable.

Instability Temperature:

Not available.

Conditions of Instability:

Incompatible materials, moisture

Incompatibility with various substances:

Reactive with oxidizing agents, acids.

Corrosivity:

Non-corrosive in presence of glass.

Special Remarks on Reactivity:

Absorbs moisture from the air but is not deliquescent. Hygroscopic. Also incompatible with alkaloidal and heavy metal salts and Bromine Trifluoride.

Special Remarks on Corrosivity:

Not available. Polymerization: Will not occur.

Section 11: Toxicological Information

Routes of Entry:

Inhalation. Ingestion.

Toxicity to Animals:

Acute oral toxicity (LD50): 3500 mg/kg [Rat].

Chronic Effects on Humans:

Not available.

Other Toxic Effects on Humans:

Hazardous in case of ingestion, of inhalation. Slightly hazardous in case of skin contact (irritant).

Special Remarks on Toxicity to Animals:

Not available.

Special Remarks on Chronic Effects on Humans:

May cause adverse reproductive effects (male and female effects on fertility and effects on newborns and fetotoxicity) based on animal data Human: passes the placental barrier, detected in maternal milk.

Special Remarks on other Toxic Effects on Humans:

Acute Potential Health Effects: Skin: May cause mild skin irritation. Eyes: Causes eye irritation. Inhalation: May cause respiratory tract irritation. Ingestion: May cause gastrointestinal tract irritation with nausea and vomiting, abdominal pain, constipation. Bromide poisoning following acute ingestion is more rare and may affect the central nervous system (CNS depression - somnolence, confusion, ataxia, coma and other symptoms similar to chronic ingestion), cardiovascular system (hypotension, tachycardia), kidneys (acute renal failure, urinary incontinence), and respiration (acute respiratory distress syndrome). It may also cause eye disturbances such as mydriasis and nystagmus, disturbances of apparent color of objects, blurring or indistinctness of vision, apparent movement or wiggling and change in apparent size of objects, large pupils, subnormal reaction to light, diplopia, and photophobia. Chronic Potential Health Effects: Skin: Prolonged or repeated skin contact may cause skin rashes. Eyes: Prolonged or repeated eye contact may cause blepharitis, and conjunctivitis. Prolonged or repeated ingestion may cause skin rashes (bromoderma, acne, pyoderma gangrenosum, erythema multiforme), affect the liver, endocrine system (thyroid), metabolism(anorexia), blood, vision (visual disturbances, permanently decreased vision and may produce a toxic syndrome, "Bromism" which may be characterized by behavior/central nervous symptoms such CNS depression, irritability, headache, confusion, slurred speech, memory loss, lethargy, ataxia, tremor, agitation, delusion, disoriented, paranoia, aggressiveness, hallucinations, mania, fatigue, seizure, neuropathy, muscle weakness, coma. Also, in individuals with chronic bromism, the tongue may have a coated or furred appearance.

Section 12: Ecological Information

Ecotoxicity:

Not available.

BOD5 and COD:

Not available.

Products of Biodegradation:

Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.

Toxicity of the Products of Biodegradation:

The product itself and its products of degradation are not toxic.

Special Remarks on the Products of Biodegradation:

Not available.

Section 13: Disposal Considerations

Waste Disposal:

Waste must be disposed of in accordance with federal, state and local environmental control regulations. Avoid access to streams, lakes or ponds.

Section 14: Transport Information

DOT Classification:

Not a DOT controlled material (United States).

Identification:

Not applicable.

Special Provisions for Transport:

Not applicable.

Section 15: Regulatory Information

U.S. Regulations:

OSHA HAZCOM (Hazard Communication): This product is considered non-hazardous under the HAZCOM Standard (29 CFR 1910.1200).

OSHA PSM (Process Safety Management): Not regulated under PSM Standard (29 CFR 1910.119).

EPA FIFRA (Federal Insecticide, Fungicide and Rodenticide Act): Not regulated.

EPA EPCRA (Emergency Planning and Community Right-to-Know Act): Not regulated.

EPA TSCA (Toxic Substance Control Act): Listed on the inventory.

EPA RCRA (Resource Conservation and Recovery Act): This material does not meet RCRA's characteristic definition of ignitability, corrosivity, or reactivity, and is not listed in 40 CFR 261.33. The toxicity characteristic however, has not been evaluated by the Toxicity Characteristic Leaching Procedure (TCLP).

EPA RMP (Risk Management Plan): Not regulated. (40 CFR 68.130)

State of California Regulations:

Prop 65 (Safe Drinking Water and Toxic Enforcement Act of 1986): Not Listed

CDPR (California Department of Pesticide Regulation): Reg. #: 45337-11

Canada Regulations:

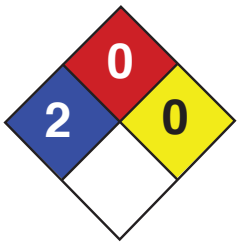
WHMIS (Workplace Hazardous Materials Information System): Not Controlled.

DSL (Domestic Substances List): The substance is specified on the public portion of the DSL.

Section 16: Other Information

LEGEND	
Severe	4
Serious	3
Moderate	2
Slight	1
Minimal	0

Health	2
Fire	0
Reactivity	0
Personal Protection	



International Fire Code/ International Building Code: Irritant.

ANSI (American National Standards Institute):

Hazardous Industrial Chemicals - MSDS-Preparation: Complies with ANSI Z400.1 – 2004.

Hazardous Industrial Chemicals - Precautionary Labeling: Complies with ANSI Z129.1 – 2006.

References: Not available.

Other Special Considerations: Not available.

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