



Safety Data Sheet

1 – PRODUCT IDENTIFICATION

PRODUCT NAME: Star Brite
PRODUCT TYPE: Powder Cleaning Compound
PRODUCT NUMBER: 1051XX (Last 2 characters vary with the packaging)
COMPANY: Vaughan Industries
8490 Lyndon Street,
Detroit, MI 48375
(313) 935-2040
EMERGENCY PHONE: Chemtrec 1-800-424-9300

2 – HAZARDS IDENTIFICATION

CLASSIFICATION OF SUBSTANCE/MIXTURE: Acute Toxicity Oral (4) Acute aquatic Toxicity (3) Skin corrosion (1A) Serious Eye Damage (1)
SYMBOLS:



SIGNAL WORD: DANGER!
HAZARD STATEMENT: Harmful if swallowed. Causes skin burns and severe eye damage. Causes severe eye damage. Harmful to aquatic life.
PRECAUTIONARY STATEMENTS:
PREVENTION: Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product Do not breathe dust/fume/gas/mist/vapors/spray. Wear protective gloves/protective clothing/eye protection/face protection. Avoid release to the environment.
RESPONSE:
IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. Rinse mouth. Do NOT induce vomiting.
IF ON SKIN (or hair): Call a POISON CENTER or doctor/physician if you feel unwell. Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse.
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or doctor/physician if you feel unwell.
IF IN EYES: Call a POISON CENTER or doctor/physician if you feel unwell. Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

3 – COMPOSITION / INFORMATION ON INGREDIENTS

INGREDIENT	C.A.S. NUMBER	Wt-%
Sodium metasilicate	6834-92-0	50-70%
Sodium hydroxide	7647-14-5	20-30%

*Percentages of ingredients are being withheld as trade secret information. This information will be disclosed as necessary to authorized individuals

4 – FIRST-AID MEASURES

BREATHING (INHALATION): If victim shows signs of discomfort or irritation, remove to fresh air. If symptoms persist, get immediate medical attention.
SWALLOWING (INGESTION): DO NOT INDUCE VOMITING! Drink a large quantity of water or milk. Do not attempt to give liquids to an unconscious person. Get immediate medical attention!
EYES: Flush eyes with a large quantity of fresh water for at least 15 minutes. If irritation persists, consult a physician.
SKIN (DERMAL): Flush from skin and clothing with large amounts of fresh water. If irritation persists, consult physician. Wash contaminated clothing before wearing.

5 – FIRE-FIGHTING

MEASURES FLASHPOINT: This product is non-flammable.
EXTINGUISHING MEDIA: This product is non-flammable. Use extinguishing media suitable for materials already burning.
SPECIAL FIRE FIGHTING PROCEDURES: Firefighters working in areas where this product is present should be equipped with an approved, fully enclosed SCBA.
UNUSUAL FIRE AND EXPLOSION HAZARDS: None known.

6 – ACCIDENTAL RELEASE MEASURES

SPILL PROCEDURES: Sweep powder without stirring up dust. Consult local, state and federal authorities. Absorb spillage to prevent material damage.
WASTE DISPOSAL: As recommended by local, state and federal authorities.

7 – HANDLING AND STORAGE

STORAGE: Store locked up. Store in a cool, well ventilated area. Avoid overheating or freezing.
HANDLING: Do not place this product in an unmarked container. Avoid eye contact.

8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

RESPIRATORY PROTECTION: Respirator recommended, not normally required.

PROTECTIVE CLOTHING: Nitrile or PVC gloves, and chemical splash goggles.

ADDITIONAL MEASURES: Do not place this product in an unmarked container. Avoid eye contact.

INGREDIENT	C.A.S.	PEL	ACGHI
Sodium metasilicate	6834-92-0	None listed	None listed
Sodium hydroxide	7647-14-5	2 mg/mL ³	2 mg/mL ³

9 – PHYSICAL / CHEMICAL PROPERTIES

APPEARANCE & ODOR: Orange Powder

ODOR THRESHOLD: N/A

pH (1% in water): Greater than 12

MELTING POINT: N/A

FREEZING POINT: N/A

BOILING POINT: N/A

BOILING POINT RANGE: N/A

FLASHPOINT: This product is non-flammable.

AUTO-IGNITION TEMPERATURE: N/A

VISCOSITY: N/A

VAPOR PRESSURE: N/A

VAPOR DENSITY (AIR=1): Greater than 1.

SPECIFIC GRAVITY: N/A

SOLUBILITY IN WATER: Completely soluble.

PARTITION COEFFICIENT: N/A

EVAPORATION RATE: N/A

FLAMMABILITY (solid/gas): N/A

EXPLOSION LIMITS: N/A

DECOMPOSITION TEMPERATURE: N/A

10 – STABILITY AND REACTIVITY

STABILITY: Stable under normal conditions.

HAZARDOUS POLYMERIZATION: This product not known to polymerize.

INCOMPATIBILITY: Do not mix with other chemicals or oxidizers

11 – TOXICOLOGICAL INFORMATION

ROUTE(S) OF ENTRY: Ingestion. Dermal contact. Eye contact. Inhalation.

LISTED CARCINOGEN: Nitrotriacetate, sodium salt

MEDICAL CONDITION AGGRAVATED: May aggravate pre-existing dermatitis.

INHALATION: May lead to irritation. Maintain adequate ventilation in the work area.

INGESTION: This material can cause burns or damage to stomach and esophagus.

EYES: May cause severe eye irritation or burns.

SKIN (DERMAL): This product may cause burns or irritation if not removed from the skin.

12 – ECOLOGICAL INFORMATION

ENVIRONMENTAL FATE AND DISTRIBUTION: N/A

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 products of degradation are less toxic than the product itself.

13 – DISPOSAL CONSIDERATIONS

WASTE DISPOSAL: As recommended by local, state and federal authorities.

14 – TRANSPORTATION INFORMATION

DOT PROPER SHIPPING NAME: Corrosive solid, n.o.s.

HAZARD CLASS: 8

UN/NA NUMBER: UN 1759

PACKING GROUP: III

LABELS REQUIRED: Corrosive

15 – REGULATIONS

Contents of this MSDS comply with the OSHA Hazard Communication Standard 29CFR 1910.1200

US TSCA INVENTORY STATUS: The components of this product are TSCA listed.

SARA: This product contains no material regulated under SARA Title III Section 313.

US CERCLA REPORTABLE QUANTITY: None

US TSCA INVENTORY STATUS: The components of this product are TSCA listed.

OTHER US FEDERAL REGULATIONS: None

16 – OTHER INFORMATION

The data and recommendations presented herein are based upon our research and that of others and are believed to be accurate. No guarantee of their accuracy is made, and they are distributed without warranty, express or implied. The person receiving them shall make their own determination of the suitability thereof for their particular purpose.

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