

SAFETY DATA SHEET



Section 1: PRODUCT AND COMPANY IDENTIFICATION

- 1.1. Product identifier**
Product name StripRite STRIPPER NCNS
- 1.2. Other means of identification**
None
- 1.3. Recommended use of the chemical and restrictions on use:**
Recommended Use Cyanide free stripper for nickel off steel
- 1.4. Details of the supplier of the safety data sheet**
Address A Brite Company
3217 Wood Drive
Garland, TX 75041
Phone number 1-888-8ABRITE
Website www.abrite.com
- 1.5. Emergency phone number**
Emergency telephone 1-800-424-9300 (CHEMTREC)

Section 2: HAZARDS IDENTIFICATION

- 2.1. Classification of the chemical in accordance with 29 CFR 1910 (OSHA HCS)**
Skin sensitization Category 1
Eye irritant Category 2A

2.2. Label Elements



Pictogram

Signal Word Warning

Hazard Statements

H317 May cause an allergic skin reaction
H319 Causes serious eye irritation

Precautionary statements

Prevention

P261 Avoid breathing dust or mist.
P264 Wash hands and exposed skin thoroughly after handling.
P272 Contaminated work clothing should not be allowed out of the workplace.
P280 Wear protective gloves and eye/face protection.

Response

P302+P352 If on skin: wash with plenty of soap and water.
P333+P313 If skin irritation or rash occurs: Get medical attention.
P321 Specific treatment (see supplemental information on label).

P363
P305+P351+P338 Wash contaminated clothing before reuse.
If in eyes: Rinse cautiously with water for several minutes.
Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313 If eye irritation persists: Get medical attention.

Storage
None

Disposal
P501 Dispose of content/container in accordance with local, regional, and national regulations.

2.3. Hazards not otherwise classified
None

2.4. Ingredient(s) with unknown acute toxicity
None

Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Chemical name and concentration/concentration ranges
The specific chemical identity of this product is being withheld as a trade secret in accordance with OSHA 29 CFR 1910.1200(i).

3.2. Common name and synonyms
See 3.1

3.3. CAS number and other unique identifiers
See 3.1

3.4. Impurities/stabilizing additives
See 3.1

Section 4: FIRST AID MEASURES

4.1. Description of first aid measures

Inhalation If breathed in, move person into fresh air. Consult a doctor if you feel unwell. If not breathing, give artificial respiration. If unconscious, place in recovery position and get medical attention immediately.

Skin contact Remove contaminated clothing. Wash skin thoroughly with mild soap and plenty of water for at least 15 minutes. If irritation occurs, get medical attention immediately.

Eye contact Immediately rinse with water for 15 minutes, removing contact lenses if present. Get medical attention if irritation persists.

Ingestion Rinse mouth with water. Do not induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention immediately.

4.2. Most important symptoms/effects, acute and delayed

See symptoms and effects in sections 2 and 11. May cause an allergic skin reaction. Causes serious eye irritation.

4.3. Indication of immediate medical attention and special treatment, if necessary

Treat symptoms. If large amounts ingested contact a poison center or doctor.

Section 5: FIRE FIGHTING MEASURES

5.1. Suitable/ unsuitable extinguishing media

This material is not combustible; however, if in a fire use extinguishing media suitable to surrounding fire (carbon dioxide, dry chemical, water spray, or alcohol resistant foam).

5.2. Specific hazards arising from chemical

Hazardous gases produced upon thermal decomposition include carbon monoxide, carbon dioxide, nitrogen oxides, and sulfur oxides.

5.3. Special protective equipment and precautions for fire-fighters

Fire fighters should wear self-contained breathing apparatus and protective clothing.

Section 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment, and emergency procedures

Use personal protective equipment (gloves, eye/face protection) to prevent eye and skin contact. Avoid breathing dust. Ensure adequate ventilation or wear respirator. Wash contaminated clothing before reuse. Prevent discharge into the environment.

6.2. Methods and materials for containment and cleaning up

For small spills, flush to treatment system with large amounts of water. For large spills, sweep up and place into suitable containers. Keep out of fish bearing waters. To dispose of waste, dump to wastewater treatment system or dispose of via licensed waste contractor. Observe local, state, and federal regulations.

Section 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Wear appropriate PPE (see section 8). Persons with a history of skin sensitization problems should not be employed in any process in which this product is used. Do not breath dust. Wear a respirator if ventilation is inadequate. Do not get on skin, eyes, or clothing. Keep container closed when not in use. Wash hands thoroughly after handling. Keep away from children.

7.2. Conditions for safe storage, including any incompatibilities

Keep container tightly closed when not in use, and store in a cool, dry, and well-ventilated area. Keep from freezing. Store at temperatures 50 – 80 °F.

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Contains no ingredients with exposure limits.

8.2. Appropriate engineering controls.

Ensure ventilation is adequate. Local exhaust may be necessary to maintain air contamination at acceptable levels. Emissions from ventilation should be checked to ensure they comply with the requirements of environmental protection legislation. Keep containers tightly closed when not in

use. Use good industrial hygiene and safety practice. Wash hands, forearms, and face thoroughly before breaks and at the end of the workday.

8.3. Individual protection measures

Eye/face protection	Wear safety glasses with side shields.
Skin/body protection	Handle with gloves. Use appropriate glove removal technique, and wash and dry hands after use.
Respiratory protection	Use adequate ventilation. Use NIOSH approved respiratory equipment for dust if ventilation is inadequate.
General considerations	Always wash hands before smoking/eating/drinking or using the toilet. Wash contaminated clothing and other PPE before storage or reuse. Eyewash fountains and safety showers must be easily accessible.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance	Off-white to yellow powder
Odor	None to mild
Odor threshold	No applicable information is available
pH	9.0-11.0 (1% solution)
Melting/freezing point	No applicable information is available
Boiling point/boiling range	No applicable information is available
Flash point	No applicable information is available
Evaporation rate	No applicable information is available
Flammability (solid/gas)	No applicable information is available
Flammability limits	No applicable information is available
Vapor pressure	No applicable information is available
Vapor density	No applicable information is available
Relative density	1.03
Solubility(ies)	Soluble in water
Partition coefficient (n-octanol/water)	No applicable information is available
Auto-ignition temperature	No applicable information is available
Decomposition temp	No applicable information is available
Viscosity	No applicable information is available

Section 10: STABILITY AND REACTIVITY

10.1. Reactivity

No applicable information is available

10.2. Chemical stability

Stable under normal conditions of storage and use.

10.3. Possibility of hazardous reactions

Hazardous polymerization does not occur. Possible reactions with oxidizing agents and acids..

10.4. Conditions to avoid

Avoid moisture and excessive heat (above 200 °F). Avoid exposing to oxidizing agents and acids.

10.5. Incompatible materials

Oxidizing agents, acids

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced. Thermal decomposition products include carbon dioxide, carbon monoxide, nitrogen oxides, and sulfur oxides.

Section 11: TOXICOLOGICAL INFORMATION

11.1. Information on the likely routes of exposure and symptoms

No adverse health effects are expected if the product is handled in accordance with the SDS and the product label. Routes of entry include skin and eye.

Inhalation	May cause respiratory tract irritation.
Ingestion	May be harmful if swallowed.
Skin	May cause an allergic skin reaction. Once sensitized, a severe allergic reaction may occur when subsequently exposed to very low levels.
Eye contact	Causes serious eye irritation..

11.2. Numerical measures of toxicity

Oral ATE > 5400 mg/kg
Inhalation ATE = 13 – 25 mg/L

11.3. Carcinogenicity

This product does not contain any components that are listed as known or suspected carcinogens by NTP, IARC, or OSHA.

Section 12: ECOLOGICAL INFORMATION

12.1. <u>Ecotoxicity</u>	No tests have been performed on this mixture, but information on relevant ingredients is listed below: <i>Benzenesulfonic acid, 3-nitro-, sodium salt (127-68-4) (20-40%):</i> LC50 = 500 mg/L, 96 h, golden orfe EC50 = 500 mg/L, 72 h, green algae <i>Carbonic acid disodium salt (497-19-8) (30-60%):</i> LC50 = 300 mg/L, 96 h, bluegill EC50 = 265 mg/L, 48 h, water flea
12.2. <u>Persistence/degradability</u>	No applicable information is available
12.3. <u>Bioaccumulative potential</u>	No applicable information is available
12.4. <u>Mobility in soil</u>	No applicable information is available
12.5. <u>Other adverse effects</u>	No applicable information is available

Section 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Dump to wastewater treatment system. Dispose of contaminated packaging and material wastes in accordance with all applicable federal, state, and local laws and regulations regarding health and pollution.

Section 14: TRANSPORT INFORMATION

UN number	Not regulated under 49 CFR 172.101.
UN proper shipping name	No applicable information is available
Transport hazard class(es)	No applicable information is available
Packing group, if applicable	No applicable information is available
Environmental hazards	No applicable information is available
Transport in bulk	No applicable information is available
Special precautions	No applicable information is available

Section 15: REGULATORY INFORMATION

15.1. Regulatory information

Product classified according to OSHA CFR 29 1910.1200. See section 2.

TSCA

Components found in TSCA inventory.

SARA Title III Section 302

No ingredients subject to reporting requirements

SARA Title III Section 311/312

Acute Health Hazard

SARA Title III Section 313

No ingredients subject to reporting requirements

Massachusetts/Pennsylvania/New Jersey Right to Know Components

3-Nitrobenesulfonic acid sodium salt (127-68-4)

California Prop. 65 Components

This product does not contain any chemicals known to the State of California to cause cancer, birth defects, or other reproductive harm.

Section 16: OTHER INFORMATION

NFPA/HMIS Hazard Codes (minimal = 0, slight = 1, moderate = 2, serious = 3, severe = 4)

Health: 2/2

Fire: 0/0

Reactivity: 0/0

Special: NA

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Disclaimer

To the best of our knowledge, the information contained herein is accurate. However, neither A Brite Company nor any of its employees or subsidiaries assume any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

End of Safety Data Sheet