

SAFETY DATA SHEET

F-JS-450

Quick EZ Stripper

SECTION 1 - Identification

PRODUCT IDENTITY: Quick EZ Stripper

PRODUCT NUMBER: F-JS-450

CORNHUSKER STATE INDUSTRIES
800 PIONEERS BLVD
LINCOLN, NEBRASKA 68502
PHONE: 800-348-7537 or 402-471-4597

Emergency Phone Number
CHEMTREC
1-800-424-9300

Recommended Use: Floor Stripper.

Restrictions on Use: None known.

SECTION 2 – Hazard(s) Identification

Physical Hazards:	Flammable	Category 4
Health Hazards:	Acute toxicity, oral	Category 4
	Acute toxicity, dermal	Category 4
	Serious eye damage/eye irritation	Category 1
	Specific target organ toxicity, single exposure	Category 3 respiratory tract irritation
Environmental hazards:	Hazardous to the aquatic environment, acute hazard	Category 3
	Hazardous to the aquatic environment, long-term hazard	Category 3

OSHA defined hazards: Not classified

Label Elements



Signal Word: Danger

Hazard statement: Combustible liquid. Harmful if swallowed. Harmful in contact with skin. Causes serious eye damage. May cause respiratory irritation. Harmful to aquatic life. Harmful to aquatic life with long lasting effects.

Precautionary statements

Prevention: Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Avoid breathing mist or vapor. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area. Avoid release to the environment. Wear protective gloves/protective clothing. Wear protective gloves/eye protection/face protection.

Response: **IF SWALLOWED:** Call a poison center/doctor if you feel unwell.

IF ON SKIN: Wash with plenty of water.

IF INHALED: Remove person to fresh air and keep and keep comfortable for breathing.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center/doctor. Specific treatment (see this label). Rinse mouth. Take off contaminated clothing and wash before reuse. In case of fire: Use appropriate media to extinguish.

Storage: Store well-ventilated place. Keep container tightly closed. Store in well-ventilated place. Keep cool. Store locked up.

Disposal: Dispose of contents/container in accordance with local/regional/national requirements.

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

Supplemental information: 2.7% of the mixture consists of component(s) of unknown acute oral toxicity 4.99% of the mixture consists of component(s) of unknown acute dermal toxicity 14.7% of the mixture consists of

SAFETY DATA SHEET

F-JS-450

Quick EZ Stripper

component(s) of unknown acute hazards to the aquatic environment 14.7 of the mixture consists of component(s) of unknown long-term hazards to the aquatic environment.

SECTION 3 – Composition/ Information on Ingredients

Mixtures

Chemical	Common name and synonyms %	CAS number
BUTOXYETHANOL	111-76-2	5 - <10
2-aminoethanol	141-43-5	1.5 - <2.5
ETHYLENE GLYCOL PHENYL ETHER	122-99-6	1.5 - <2.5
Other components below reportable levels		85 - <92

*Designates that a specific chemical identity and/or percentage of composition has been withheld as a trade secret.

SECTION 4 – First-aid Measures

Inhalation: Remove person to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.

Skin Contact: Rinse skin with water/ shower. Get medical advice/attention if you feel unwell. Get medical attention if irritation develops and persists. Wash contaminated clothing before reuse.

Eye Contact: Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention immediately.

Ingestion: Rinse mouth. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs. Get medical advice/attention if you feel unwell.

Most Important Symptoms/ Effects, Acute and Delayed: Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Permanent eye damage including blindness could result. May cause respiratory irritation.

Indication of Immediate Medical Attention and Special Treatment Needed, if necessary: Provide general supportive measures and treat symptomatically. Keep victim warm. Keep victim under observation. Symptoms may be delayed.

General Information: If you feel unwell, seek medical advice (show the label where possible). Ensure that medical personal are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance.

SECTION 5 – Fire-Fighting Measures

Suitable & Unsuitable Extinguishing Media: Alcohol resistant foam. Water fog, Dry chemical powder, Carbon dioxide (CO₂).

Unsuitable extinguishing media: Do not use water jet as an extinguisher, as this will spread the fire.

Specific hazards arising from the chemical: The product is combustible, and heating may generate vapors which may form explosive vapor/air mixtures. During fire, gases hazardous to health may be formed.

Special protective equipment and precautions for firefighters: Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

Fire-fighting equipment/instructions: In case of fire and/or explosion do not breathe fumes. Move containers from fire area if you can do so without risk.

Specific methods: Use standard firefighting procedures and consider the hazards of the other involved materials.

General fire hazards: Combustible liquid.

SECTION 6 – Accidental Release Measures

Personal precautions, Protective equipment & emergency procedures: Keep unnecessary personal away. Keep people away from and upwind of spill/leak. Keep out of low areas. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Wear appropriate protective equipment and clothing during clean-up. Avoid breathing mist or vapor. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.

Methods and materials for containment and clean up: Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil, etc.) away from spilled material.

Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Cover with plastic sheet to prevent spreading. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into container for later disposal. Use water spray to reduce vapors or divert vapor cloud drift. Prevent entry into waterways, sewer, basements or confined areas. Following product recovery, flush area with water.

Small Spills: Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal. Clean surface thoroughly to remove residual contamination.

Never return spills to original containers for re-use.

Environmental precautions: Avoid release to the environment. Contact local authorities in case of spillage to drain/aquatic environment. Prevent further leakage or spillage if safe to do so. Do not contaminate water. Avoid discharge into drains, water courses or onto the ground.

SECTION 7 – HANDLING & STORAGE

Precautions for safe handling: Keep away from open flames, hot surfaces and sources of ignition. Do not get into eyes, on skin, or on clothing. Avoid breathing mist or vapor. Avoid prolonged exposure. Do not taste or swallow. When using, do not eat, drink or smoke. Provide adequate ventilation. Wear appropriate personal protective equipment. Wash hands thoroughly after handling. Observe good industrial hygiene practices. Wash contaminated clothing before reuse. Avoid release to the environment. Do not empty into drains.

Conditions for safe storage, including any incompatibilities: Store locked up. Keep away from heat, sparks and open flame. Store in a cool, dry place out of direct sunlight. Store in original tightly closed container. Store in a well-ventilated place. Keep in an area equipped with sprinkles. Store away from incompatible materials (see section 10 of the SDS).

SECTION 8 – Exposure Controls/Personal Protection

Occupational exposure limits

US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

Components	Type	Value
2-aminoethanol (CAS 141-43-5)	PEL	6 mg/m3
BUTOXYETHANOL (CAS 111-76-2)	PEL	3 ppm 240 mg/m3 50 ppm

SAFETY DATA SHEET

F-JS-450

Quick EZ Stripper

US. ACGIH Threshold Limit Values

Components	Type	Value
2-aminoethanol (CAS 141-43-5)	STEL	6 ppm
BUTOXYETHANOL (CAS 111-76-2)	TWA	3 ppm
	TWA	20 ppm

US. NIOSH: Pocket Guide to chemical Hazards

Components	Type	Value
2-aminoethanol (CAS 141-43-5)	STEL	15 mg/m ³
BUTOXYETHANOL (CAS 111-76-2)	TWA	6 ppm
		8 mg/m ³
	TWA	3 ppm
		24 mg/m ³
		5 ppm

ACGIH Biological Exposure Indices

Components	Values	Determinant	Specimen	Sampling Time
BUTOXYETHANOL (CAS 111-76-2)	200 mg/g	Butoxyacetic acid (BAA) with hydrolysis	Creatinine in urine	*

*-For sampling details, please see the source document

Exposure guidelines**US- California OELs: Skin designation**

BUTOXYETHANOL (CAS 111-76-2) Can be absorbed through the skin.

US- Minnesota Haz Subs: Skin designation applies

BUTOXYETHANOL (CAS 111-76-2) Skin designation applies.

US- Tennessee OELs: Skin designation

BUTOXYETHANOL (CAS 111-76-2) Can be absorbed through the skin.

US NIOSH Pocket Guide to Chemical Hazards: Skin designation

BUTOXYETHANOL (CAS 111-76-2) Can be absorbed through the skin.

US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

BUTOXYETHANOL (CAS 111-76-2) Can be absorbed through the skin.

Appropriate engineering controls: Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to and acceptable level. Provide eyewash station.

Individual protection measures, such as personal protective equipment

Eye/face protection Wear safety glasses with side shields (or goggles) and face shield.

Skin protection

Hand protection Wear appropriate chemical resistant gloves.

Other Wear appropriate chemical resistant clothing. Use of an impervious apron is recommended.

Respiratory protection

If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn. Chemical respirator with organic vapor cartridge.

Thermal hazards

Wear appropriate thermal protective clothing, when necessary.

General hygiene considerations When using do not smoke. Keep away from food and drink. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

SECTION 9 – Physical and Chemical Properties**Appearance****Physical state:** Liquid**Form:** Liquid**Color:** Colorless**Odor:** Solvent**Odor threshold:** Not available**pH:** 12.3 - 12.4**Melting point/****freezing Point:** -102.64 °F (-74.8 °C) estimated**Initial boiling point and boiling range:**

335.12 °F (168.4 °C) estimated

Flash point: 143.0 °F (61.7 °C) estimated**Evaporation Rate:** Not available**Flammability (solid, gas):** Not available**Upper/lower flammability or explosive limits****Flammability limit- lower:** Not available
(%)**Flammability limit-upper:** Not available
(%)**Explosive limit- lower (%):** Not available**Explosive limit-upper (%):** Not available**Vapor pressure:** 0.22 hPa estimated**Vapor density:** Not available**Relative density:** Not available**Solubility (ies)****Solubility (water):** Not available**Partition coefficient:** Not available**(n-octanol/water)****Auto-ignition temperature:**

460.4 °F (238 °C) estimated

Decomposition temperature: Not available**Viscosity:** Not available**Other information****Density:** 8.27 lbs/gal estimated**Flammability class:** Combustible IIIA estimated**Percent volatile:** 93.02% estimated**Specific gravity:** 1.01 - 1.02**VOC (Weight %):** 24 % estimated

SECTION 10 – Stability & Reactivity**Reactivity:** Reacts violently with strong acids. This product may react with oxidizing agents.**Chemical stability:** Material is stable under normal conditions.**Possibility of hazardous reactions:** Hazardous polymerization does not occur.**Conditions to Avoid:** Avoid heat, sparks, open flames and other ignition sources. Avoid temperature exceeding the flash point. Do not mix with other chemicals. Contact with incompatible materials.**Incompatible materials:** Acids. Strong oxidizing agents. Oxidizing agents.**Hazardous decomposition products:** No hazardous decomposition products are known.

SECTION-11 - TOXICOLICAL Information**Likely Routes of Exposure:****Ingestion:** Harmful if swallowed**Inhalation:** Prolonged inhalation may be harmful. May cause irritation to the respiratory system.**Skin contact:** Harmful in contact with skin.

2-Butoxy ethanol may be absorbed through the skin in toxic amounts if contact is repeated and prolonged. These effects have not been observed in humans.

Prolonged or repeated exposure may cause liver and kidney damage. These effects have not been observed in humans.

Eye contact: Causes serious eye damage

SAFETY DATA SHEET

F-JS-450

Quick EZ Stripper

Symptoms related to the physical, chemical and toxicological characteristics: Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling and blurred vision. Permanent eye damage including blindness could result. May cause respiratory irritation.

Product	Species	Test Results
Once Over (CAS Mixture)		
Acute		
<i>Dermal</i>		
LD50	Rabbit	2228.261 mg/kg estimated
<i>Inhalation</i>		
LC50	Mouse	4375 ppm, 7 Hours estimated
	Rat	2812.5 ppm, 4 Hours estimated
<i>Oral</i>		
LD50	Mouse	7.5 g/kg estimated
	Rat	3134.2554 mg/kg estimated

*Estimates for product may be based on additional component data not shown.

Skin corrosion/irritation: Prolonged skin contact may cause irritation.
Exposure minute: 250.0000
Erythema value: 0.0000
Oedema value: 0.0000

Serious eye damage/eye irritation: Causes serious eye damage

Respiratory or skin sensitization

Respiratory sensitization: Not available

Skin sensitization: This product is not expected to cause skin sensitization.

Germ cell mutagenicity: No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.

Carcinogenicity: This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.

IARC Monographs. Overall Evaluation of Carcinogenicity

BUTOXYETHANOL (CAS 111-76-2) 3 Not classifiable as to carcinogenicity to humans.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not listed.

Reproductive toxicity: This product is not expected to cause reproductive or development effects.

Specific target organ toxicity- single exposure May cause respiratory irritation.

Specific target organ toxicity- Repeated exposure Not available.

Aspiration hazard: Not available

Chronic effects: Prolonged inhalation may be harmful. May be harmful if absorbed through skin.

2-Butoxy ethanol may be absorbed through the skin in toxic amounts if contact is repeated and prolonged. These effects have not been observed in humans.

Prolonged or repeated exposure may cause liver kidney damage. These effects have not been observed in humans.

SECTION 12 – ECOLOGICAL INFORMATION

N/A

SECTION 13 – DISPOSAL CONSIDERATIONS

N/A

SECTION 14 – TRANSPORT INFORMATION

N/A

SECTION 15 – REGULATORY INFORMATION

N/A

SECTION 16 – OTHER INFORMATION

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Disclaimer: The information in the sheet was written based on the best knowledge and experience currently available. The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release.