Ultra-Shield 1730

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Revision Date: 05/21/2025 Date of Issue: 09/09/2015 Version: 2.1

SECTION 1: IDENTIFICATION

Product Identifier

Product Form: Asphalt emulsion

Product Name: UltraShield 1730

Name, Address, and Telephone of the Responsible Party

Manufacturer

GMX, Inc.

P.O. Box 743

Matthews, NC 28106

Emergency Telephone Number

Emergency Number: 1-800-424-9300 (CHEMTREC)

Main Switch Board: (704) 334-8222

SECTION 2: HAZARDS IDENTIFICATION

Classification of the Substance or Mixture

Classification (GHS-US)

H304 - Asp. Tox. 1

H319 – Eye irrit. 2A

H340 - Muta. 1B

H350 - Carc. 1B

H351 – Carc. 2

H400 - Aquatic Acute 1

H411 - Aquatic Chronic 2

Label Elements

GHS-US Labeling

Hazard Pictograms (GHS-US) :

Signal Word (GHS-US) : Danger

Hazard Statements (GHS-US) : H304 - May be fatal if swallowed and enters airways

H319 – Causes serious eye irritation.

H340 - May cause genetic defects by route of exposure if conclusively proven that no other route applies.

H350 - May cause cancer by route of exposure if conclusively proven that no other route applies

H351 – Suspected of causing cancer by route of exposure if conclusively proven that no other route exposes.

H400 - Very toxic to aquatic life.

H411 - Toxic to aquatic life with long lasting effects.

Precautionary Statements (GHS-US) : P201 – Obtain special instructions before use.
P202 – Do not handle until all safety precautions have been read and understood.
P233 – Keep container tightly closed.
P264 – Wash face, hands, and any exposed skin thoroughly after handling.
P273 - Avoid release to the environment.
P280 – Wear protective gloves/protective clothing/eye protection/face protection.
P281 – Use personal protective equipment as required.
P303 + P361 + P353 - IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P308+P313 – If exposed or concerned: Get medical advice/attention.
P337+P313 – if eye irritation persists: Get medical attention/advice.
P370 + P378 - In case of fire: Use extinguishing media for extinction.
P391 - Collect spillage.
P403 + P235 - Store in a well-ventilated place. Keep cool.
P405 – Store locked up.
P501 – Dispose of contents/container according to local, regional, national, and international regulations.

Other Hazards

Other Hazards Not Contributing to the Classification: Not available.

Unknown Acute Toxicity (GHS-US)

No data available

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Substance

Not available

Mixture

Name	Product identifier	% (w/w)	Classification (GHS-US)
Asphalt	CAS No (8052-42-4)	50-65	H225 - Flam. Liq. 2 H319 – Eye Irrit. 2A H351 – Carc. 2
Water	CAS No (7732-18-5)	20-45	Not Classified
Elastomeric Polymer	Proprietary	0-20	Not Classified
Additives	Mixture	< 6	Not Classified
Stoddard Solvent	8052-41-3	0-5	H226 - Flam. Liq. 3 H340 - Muta. 1B H350 - Carc. 1B H304 - Asp. Tox. 1 H400 - Aquatic Acute 1 H411 - Aquatic Chronic 2

SECTION 4: FIRST AID MEASURES

Description of First Aid Measures

First-aid Measures General: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible). IF exposed or concerned: Get medical advice/attention.
First-aid Measures After Inhalation: Move to fresh air. Oxygen or artificial respiration if needed. If symptoms persist, call a physician.
First-aid Measures After Skin Contact: Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes. Remove and wash contaminated clothing before re-use. If skin irritation persists, call a physician.
First-aid Measures After Eye Contact: Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
First-aid Measures After Ingestion: Call a physician or Poison Control Center immediately. Never give anything by mouth to an unconscious person. Do not induce vomiting without medical advice.

SECTION 5: FIRE-FIGHTING MEASURES

Extinguishing Media

Suitable Extinguishing Media: Carbon dioxide (CO2). Foam. Dry powder. Dry chemical.
Unsuitable Extinguishing Media: Do not use a solid water stream as it may scatter and spread fire.

Special Hazards Arising From the Substance or Mixture

No information available

Advice for Firefighters

Firefighting Instructions: Exercise caution when fighting any chemical fire.

Protection During Firefighting: As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

Reference to Other Sections

Refer to section 9 for flammability properties.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures

General Measures: Evacuate personnel to safe areas.

For Non-emergency Personnel

Protective Equipment: Use appropriate personal protection equipment (PPE).
Emergency Procedures: Evacuate unnecessary personnel.

For Emergency Responders

Protective Equipment: Equip cleanup crew with proper protection.

Emergency Procedures: Ventilate area.

Environmental Precautions

Prevent further leakage or spillage if safe to do so. Prevent product from entering drains.

Methods and Material for Containment and Cleaning Up

For Containment and Clean Up: Dike with inert absorbent material (e.g. dry sand or earth). Take precautionary measures against static discharges. Soak up with inert absorbent material. Pick up and transfer to properly labeled containers. Keep in suitable and closed containers for disposal. Dispose of as common waste.

Reference to Other Sections

See heading 8, Exposure Controls and Personal Protection.

SECTION 7: HANDLING AND STORAGE

Precautions for Safe Handling

Avoid contact with skin and eyes. Ensure adequate ventilation.

Conditions for Safe Storage, Including Any Incompatibilities

Storage Conditions: Keep container tightly closed. Keep in properly labeled containers. Keep out of the reach of children.
Incompatible Materials: Not available.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters

Chemical Name	ACGIH TLV	OSHA PEL	Ontario TWAEV	Mexico
Petroleum Asphalt	TWA: 0.5 mg/m^3		TWA: 0.5 mg/m^3	STEL: 10 mg/m^3 TWA: 5 mg/m^3
Stoddard Solvent	TWA: 100 ppm	TWA: 2900 mg/m^3 TWA: 500 ppm	TWA: 525 mg/m^3	STEL: 200 ppm STEL: 1050 mg/m^3 TWA: 523 mg/m^3 TWA: 100 ppm

Chemical Name	NIOSH IDLH
Stoddard Solvent	20000 mg/m^3

Exposure Controls

Appropriate Engineering Controls: Do not allow ventilation equipment to draw material odors indoors.
Personal Protective Equipment: Gloves. Protective clothing. Protective goggles.

Hand Protection: Protective gloves.
Eye Protection: Chemical goggles or safety glasses.
Skin and Body Protection: Wear suitable protective clothing.
Respiratory Protection: If exposure limits are exceeded or irritation is experienced, NIOSH approved respiratory protection should be worn.
Hygiene Measures: Wash hands before breaks and at the end of workday. Remove and wash contaminated clothing before re-use. Handle in accordance with good industrial hygiene and safety practice.
Other Information: When using, do not eat, drink, or smoke.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Information on Basic Physical and Chemical Properties

Physical State	:	Liquid
Appearance	:	Brown/black liquid
Odor	:	Slight odor
Odor Threshold	:	Not available
pH	:	9.5-11.5
Relative Evaporation Rate (butyl acetate = 1)	:	Not available
Melting Point	:	Not available
Freezing Point	:	32°F/ 0°C
Boiling Point	:	212°F / 100°C
Flash Point	:	>400°F (>204°C)
Auto-ignition Temperature	:	> 700°F / > 371°C
Decomposition Temperature	:	Not available
Flammability (solid, gas)	:	Not available
Lower Flammable Limit	:	Not available
Upper Flammable Limit	:	Not available
Vapor Pressure	:	Not available
Relative Vapor Density at 68°F (20°C)	:	> 1 (Air = 1)
Relative Density	:	Not available
Specific Gravity	:	>1.0
Solubility	:	Partly miscible
Partition coefficient: n-octanol/water	:	Not available
Explosion Data – Sensitivity to Mechanical Impact	:	Not available
Explosion Data – Sensitivity to Static Discharge	:	Not available
VOC Content	:	<40 g/L

SECTION 10: STABILITY AND REACTIVITY

Reactivity: Hazardous polymerization does not occur
Chemical Stability: Stable under normal conditions.
Possibility of Hazardous Reactions: Hazardous polymerization will not occur.
Conditions to Avoid: No information available.
Incompatible Materials: No materials to be especially mentioned.
Hazardous Decomposition Products: Carbon monoxide. Carbon dioxide. Hydrocarbons.

SECTION 11: TOXICOLOGICAL INFORMATION

Information on Toxicological Effects – Ingredient(s)

LD50 and LC50 Data

Asphalt (8052-42-4)	
LD50 Oral Rat	>5,000 mg/kg
LD50 Dermal Rabbit	>2,000 mg/kg

Carcinogenicity Data:

Asphalt (8052-42-4)	
IARC Group	2B
National Toxicity Program (NTP) Status	Twelfth Report – Items under consideration.

SECTION 12: ECOLOGICAL INFORMATION

Toxicity – Ingredients

Contains no substances known to be hazardous to the environment or not degradable in waste water treatment plants.

Persistence and Degradability

No information available for this product.

Bioaccumulative Potential – Product

No information available for this product.

Bioaccumulative Potential – Ingredients

No information available for this product.

Mobility in Soil

No information available for this product.

Other Adverse Effects

Other Information: Avoid release to the environment.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste Disposal Recommendations: Dispose of in accordance with local, state, and federal regulations.

Additional Information: Empty containers should be taken for local recycling, recovery or waste disposal.

SECTION 14: TRANSPORT INFORMATION

In Accordance with DOT

Proper Shipping Name : Non-Regulated Material.

In Accordance with IMDG

Proper Shipping Name : Not Regulated.
Hazard Class :
Identification Number :
Packing Group :
Marine Pollutant :

In Accordance with IATA

Proper Shipping Name : Not Regulated.
Hazard Class :
Identification Number :
Packing Group :
Marine Pollutant :

In Accordance with TDG

Proper Shipping Name : Not Regulated.
Hazard Class :
Identification Number :
Packing Group :
Marine Pollutant :

SECTION 15: REGULATORY INFORMATION

International Inventories

Chemical Name	TSCA	DSL	NDSL	EINECS	ELINCS	ENCS	CHINA	KECL	PICCS	AICS
Petroleum Asphalt	X	X	-	X	-	-	X	X	X	X
Stoddard Solvent	X	X	X	X	X	X	X	X	X	X

TSCA Complies
DSL Complies
NDSL Complies
EINECS Complies
ELINCS Complies
ENCS Complies
CHINA Complies

KECL	Complies
PICCS	Complies
AICS	Complies

US Federal Regulations

Asphalt (8052-42-4)
Listed on the United States TSCA (Toxic Substances Control Act) Inventory

Elastomeric Polymer (Proprietary)
Listed on the United States TSCA (Toxic Substances Control Act) Inventory

US State Regulations

California Proposition 65

This product contains no known Proposition 65 chemicals.

State Right-to-Know

Chemical Name	Massachusetts	New Jersey	Pennsylvania	Illinois	Rhode Island
Petroleum Asphalt	X	X	X		X
Stoddard Solvent	X	X	X		X

Canadian Regulations

Ultra-Shield 1730	
All components are listed in the WHMIS DSL.	
WHMIS Classification	Not classified.

SECTION 16: OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION

Revision date : 05/21/2025

Other Information : This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200.

Party Responsible for the Preparation of This Document

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This information is based on our knowledge as of the Revision Date and is intended to describe the product only for the purposes of health, safety, and environmental requirements as of the Revision Date. It should not therefore be construed as guaranteeing any specific property of the product nor as providing any warranty, expressed or implied. The user assumes all responsibility, liability, risk of loss, damage, or expense arising out of, or in any way connected with, the handling, storage, use, or disposal of the product.

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