

Safety Data Sheet



Trade Name: US-411A Scavenger

SECTION 1. IDENTIFICATION

Date of issue: 12.11.2018
Product Name: US-411A Scavenger
Chemical Name:
Other means of identification:

Recommended use of the chemical and restrictions on use:

Recommended use: Chemical intermediate for urethane polymer production
Recommended restrictions: Uses other than as recommended above

Company Name: Urethane Sciences, LLC
Company Address: 121 Cross Keys Road, Building E
Berlin, NJ 08009
Company Telephone: Phone: (856) 282-4506
Company Contact Email: info@usci.net

Emergency Phone: ChemTrec (24 Hours): 1-800-424-9300
(outside of USA: 1-202-366-4488)

SECTION 2: HAZARD(S) IDENTIFICATION

Physical hazards

This material is considered non-hazardous by the OSHA Hazard Communication standard (29 CFR 1910.1200)

Health hazards

H302 – Acute Toxicity, Oral, Category 4
H312 – Acute Toxicity, Dermal, Category 4
H315 – Skin Corrosion/Irritation, Category 2
H319 – Serious Eye Damage/Irritation, Category 2A
H322 – Acute Toxicity, Inhalation, Category 4 GHS

Environmental hazards

Not identified under OSHA GHS §1910.1200.

GHS Signal word: WARNING

US-411A Scavenger

GHS Hazard statement(s): H302: Harmful if swallowed
H312: Harmful in contact with skin
H315: Causes skin irritation
H319: Causes serious eye irritation
H332: Harmful if inhaled



GHS Hazard symbol(s):

Precautionary statement(s):

P261: Avoid breathing dust/fume/gas/mist/vapours/spray
P264: Wash hands thoroughly after handling.
P270: Do not eat, drink or somke when using this product.
P271: Use only outdoors or in a well-ventilated area.
P273: Avoid release to the environment
P280: Wear protective gloves/protective clothing/eye protection/face protection
P304 + P340 + P312: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. If victim feels unwell, seek medical attention.
P302 + P352 + P312 + P321: IF ON SKIN: Wash with plenty of water. See label for specific treatment. If victim feels unwell, call POISON CENTER.
P362 + P364: Take off contaminated clothing and wash it before reuse.
P301 + P312 + P330: IF SWALLOWED: Rinse mouth. If feeling unwell, contact a POISON CENTER or doctor.
P305 + P351 + P338 + P337 + P313: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, seek medical attention.
P403 + P233: Store in a well-ventilated place. Keep container tightly closed.
P501: Dispose of contents/container in accordance with all local, regional, national, and international regulations.

Hazard(s) not otherwise Classified (HNOC): None known

SECTION 3: Composition/Information on ingredients

Mixture: Mixture, Chemical intermediate for urethane polymer production

CHEMICAL NAME	CAS #	Concentration (weight %)
Trade Secret		>99%

Note: The manufacturer has claimed one or more ingredients as trade secret under the OSHA Hazard Communication Standard. Trade secret components are not hazardous or are below the concentration limit to be classified as hazardous, under the criteria of the Federal OSHA Hazard Communication Standard 29CFR 1910.1200.

SECTION 4: FIRST AID MEASURES

Description of necessary measures, subdivided according to the different routes of exposure, i.e., inhalation, skin and eye contact, and ingestion:

Inhalation: Allow victim to breathe fresh air. Allow the victim to rest. If having trouble breathing, seek medical attention.

Skin contact: Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse. If skin irritation occurs, seek medical attention.

Eye contact: Get medical attention immediately. Remove any contact lenses if required/possible. Flush eyes with water thoroughly and continuously for at least 15 minutes, keep eye wide open while rinsing.

Ingestion: Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention. Remove victim to fresh air and keep at rest in a position comfortable for breathing.

Most important symptoms/effects, acute and delayed: Acute: May cause irritation to the eyes resulting in redness. May cause nose, throat, and lung irritation. May cause slight irritation, resulting in redness and irritation. May cause nausea and vomiting. Delayed: May cause serious eye damage. May cause coughing, shortness of breath. Prolonged contact may cause skin irritation. Harmful if swallowed.

Indication of immediate medical attention and special treatment needed: No additional information available.

SECTION 5: FIRE FIGHTING MEASURES

Suitable (and unsuitable) extinguishing media:

Suitable extinguishing media: Foam. Dry powder. Carbon dioxide. Water spray. Sand.

Unsuitable extinguishing media: Do not use heavy water stream.

Specific hazards arising from the chemical (e.g., nature of any hazardous combustion products): May emit toxic fumes or irritating dust. Hazardous decomposition products formed under fire conditions.

Special protective equipment and precautions for fire-fighters: A self-containing breathing apparatus with a full face-piece operated in positive pressure and suitable protective clothing should be worn in fire conditions. Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment. Do not enter fire area without proper protective equipment, including respiratory protection.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures: Evacuate unnecessary personnel. For additional information, refer to Section 8, Exposure Controls and Personal Protection.

Environmental Precautions: Prevent from entering into soil, ditches, sewers, waterways and/or groundwater. Notify authorities if liquid enters sewers or public waters. See Section 12, Ecological Information.

Methods and materials for containment and cleaning up: Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials. See Section 13, Disposal Considerations, for additional information.

SECTION 7: HANDLING AND STORAGE

Precautions for safe handling: Wear appropriate personal protective equipment. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapor. Eliminate all sources of heat/ignition around material. See Section 8, EXPOSURE CONTROLS AND PERSONAL PROTECTION.

Conditions for safe storage, including any incompatibles: Store in a tightly closed container. Store in a cool/low temperature, well ventilated dry area. Store locked up. Store away from incompatible materials. Protect from moisture. Store in accordance with good industrial practices. Store in accordance with all local regulations.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure limits have not been established for the substances listed in the composition

Exposure controls

Engineering controls: General ventilation should be sufficient for most operations. Local exhaust ventilation may be necessary for some operations.

Individual protection measures

Eye/face protection: Chemical goggles or safety glasses.

Skin protection: Wear impermeable protective clothing.

Hand protection: Wear protective gloves.

NOTICE: The selection of a specific glove for a particular application and duration of use in a workplace should also take into account all relevant workplace factors such as, but not limited to: Other chemicals which may be handled, physical requirements (cut/puncture protection, dexterity, thermal protection), potential body reactions to glove materials, as well as the instructions/specifications provided by the glove supplier.

US-411A Scavenger

Other protection: Do not eat, drink or smoke during use.

Respiratory protection: If an inhalation hazard is possible, or inadequate ventilation, a full-face respirator may be required.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Physical state:	Liquid
Form:	Medium viscosity fluid
Color:	Light yellow
Odor:	Not available
Odor threshold:	Not available
pH:	Not available
Melting point/freezing point:	Not available
Initial boiling point and boiling range:	Not available
Flash point:	Not available
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:	Not available
Vapor density:	Not available
Relative density:	0.95
Solubility (ies):	Not available
Partition coefficient (n-octanol/water):	No data available
Auto-ignition temperature:	No data available
Decomposition temperature:	No data available
Viscosity (dynamic):	250 cPs at 25 C
% Volatile:	Not volatile

SECTION 10: STABILITY AND REACTIVITY

Reactivity:	Not available.
Chemical stability:	Stable under normal ambient conditions and anticipated conditions of use.

US-411A Scavenger

Possibility of hazardous reactions:	Hazardous reactions not anticipated with product alone.
Conditions to avoid:	Avoid exposure to air and moisture. Keep away from heat, spark, and flames
Incompatible materials:	Strong bases, carbon oxides.
Hazardous decomposition products:	Should not be produced under normal conditions of use and storage

SECTION 11: TOXICOLOGICAL INFORMATION

Toxicological information appears in this section when such data is available.

Acute toxicity:	Not classified
Skin corrosion/irritation :	Not classified
Serious eye damage/irritation :	Not classified
Respiratory or skin sensitization :	Not classified
Germ cell mutagenicity :	Not classified
Carcinogenicity :	Not classified
Reproductive toxicity :	Not classified
Specific target organ toxicity: (single exposure)	Not classified
Specific target organ toxicity: (repeated exposure)	Not classified
Aspiration hazard :	Not classified
Potential Adverse human health effects and symptoms:	Based on available data, the classification criteria are not met.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicological information appears in this section when such data is available.

Toxicity

Acute toxicity to fish
Not established

US-411A Scavenger

Persistence and degradability

Biodegradability: Not established

Bioaccumulative potential

Bioaccumulation: Not established

Mobility in soil

No data available.

SECTION 13: DISPOSAL CONSIDERATIONS

Disposal methods: Dispose in a safe manner in accordance with local/national regulations. Avoid release to the environment. Incinerate at a licensed facility

SECTION 14: Transport Information

US Department of Transportation Classification (49CFR)

Not regulated for transport

Maritime transport IMDG

Not regulated for transport.

Transport in bulk (according to Annex II of MARPOL 73/78 and the IBC Code)

No further relevant information available.

Air transport ICAO-TI and IATA-DGR

Not regulated for transport

Special precautions which a user needs to be aware of, or needs to comply with, in connection with transport or conveyance either within or outside their premises.

No data available

SECTION 15: REGULATORY INFORMATION

USA:

United States Federal Regulations: This SDS complies with the OSHA, 29 CFR 1910.1200. The product is not hazardous under OSHA.

Toxic Substances Control Act (TSCA) – All components are on the U.S. EPA TSCA Inventory List.

CERCLA Hazardous Substance List, 40 CFR 302.4:

No components listed

Superfund Amendments and Reauthorization Act of 1986 (SARA)

US-411A Scavenger

Hazard categories:

Immediate Hazard - No

Delayed Hazard - No

Fire Hazard - No

Pressure Hazard - No

Reactivity Hazard – No

Section 302 Extremely Hazardous Substance (40 CFR 355, Appendix A): None listed

Section 311 hazardous chemical: Acute health hazard

SARA Section 313 (Specific toxic chemical listings): None listed

NFPA: Health – 1, Fire – 0, Reactivity – 0

HMIS: Health – 1, Fire – 0, Reactivity – 0

STATE REGULATIONS:

This SDS contains specific health and safety data is applicable for state requirements. For details on your regulatory requirements, you should contact the appropriate agency in your state.

California Proposition 65 (California Safe Drinking Water and Toxic Enforcement Act of 1986): No components are listed on Prop 65.

SECTION 16: OTHER INFORMATION

Revision Date: December 11, 2018

DISCLAIMER: To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any legal liability for 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.