

Up-End Plus

Version 1.2

SDS Number: c-ue001

Revision Date 06-16-17

SECTION 1. IDENTIFICATION

Product name : Up-End Plus

Product code : c-UE001

Manufacturer or supplier's details

Company : **Ridgway Industries, Inc.**
P.O. Box 660
Darby, PA 19023
800-479-9548

E-mail address : info@ridgwayindustries.com

Emergency telephone number : (800) 633-8253
PERS - Contract # 9107
24 hour Emergency Telephone No.

SECTION 2. HAZARDS IDENTIFICATION**GHS Classification**

Skin corrosion : Category 1B

Serious eye damage : Category 1

GHS Label element

Hazard pictograms :



Signal word : Danger

Hazard statements : H314 Causes severe skin burns and eye damage.
H318 Causes serious eye damage.

Precautionary statements : **Prevention:**
P264 Wash skin thoroughly after handling.
P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.
Response:
P301 + P330 + P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P304 + P340 + P310 IF INHALED: Remove person to fresh air

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and keep comfortable for breathing. Immediately call a POISON CENTER or doctor/ physician.

P305 + P351 + P338 + P310 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 or doctor/ physician.

P363 Wash contaminated clothing before reuse.

Storage:

P405 Store locked up.

Disposal:

P501 Dispose of contents/ container to an approved waste disposal plant.

Other hazards

None known.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS**Hazardous components**

| Chemical Name | CAS-No. | Concentration (%) |
|---|-------------|-------------------|
| Ethanol | 64-17-5 | 0.50 - 1.50 |
| Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides | 68424-85-1 | 1.50 - 3.00 |
| Quaternary ammonium compounds, di-C8-10-alkyldimethyl, chlorides | 68424-95-3 | 2.50 - 4.00 |
| Nonylphenol branched ethoxylated | 127087-87-0 | 2.00 - 3.50 |

SECTION 4. FIRST AID MEASURES

| | |
|---|---|
| If inhaled | : Remove to fresh air. If breathing is irregular or stopped, administer artificial respiration. |
| In case of skin contact | : After contact with skin, wash immediately with plenty of soap and water. Consult a physician. |
| In case of eye contact | : In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Call a physician immediately. |
| If swallowed | : Call a physician immediately. Clean mouth with water and drink afterwards plenty of water. Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person. |
| Most important symptoms and effects, both acute and delayed | : No information available. |
| Notes to physician | : No information available. |

SECTION 5. FIREFIGHTING MEASURES

| | |
|------------------------------|--------------|
| Suitable extinguishing media | : Dry powder |
|------------------------------|--------------|

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Water spray
Foam

- Specific hazards during firefighting : Heating or fire can release toxic gas.
- Further information : Use water spray to cool unopened containers.
- Special protective equipment for firefighters : In the event of fire, wear self-contained breathing apparatus.

SECTION 6. ACCIDENTAL RELEASE MEASURES

- Personal precautions, protective equipment and emergency procedures : Use respirator when performing operations involving potential exposure to vapour of the product.
- Environmental precautions
- General advice : Prevent product from entering drains.
- Methods and materials for containment and cleaning up : Sweep up or vacuum up spillage and collect in suitable container for disposal.
Do not flush into surface water or sanitary sewer system.

SECTION 7. HANDLING AND STORAGE

- Advice on safe handling : Provide sufficient air exchange and/or exhaust in work rooms.
Avoid contact with skin and eyes.
- Conditions for safe storage : Keep container tightly closed and dry.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION**Components with workplace control parameters**

| Components | CAS-No. | Value type (Form of exposure) | Control parameters / Permissible concentration | Basis |
|------------|---------|----------------------------------|--|-------------|
| Ethanol | 64-17-5 | STEL | 1,000 ppm | ACGIH |
| | | REL | 1,000 ppm 1,900 mg/m ³ | NIOSH/GUIDE |
| | | PEL | 1,000 ppm 1,900 mg/m ³ | OSHA_TRANS |
| | | TWA | 1,000 ppm 1,900 mg/m ³ | Z1A |
| | | STEL | 1,000 ppm | CAD ON OEL |

Appropriate engineering controls**Personal protective equipment**

- Respiratory protection : In the case of vapour formation use a respirator with an approved filter.

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Hand protection

Remarks : Wear suitable gloves. Take note of the information given by the producer concerning permeability and break through times, and of special workplace conditions (mechanical strain, duration of contact).

Eye protection : Tightly fitting safety goggles

Skin and body protection : Choose body protection according to the amount and concentration of the dangerous substance at the work place.
No special protective equipment required.

Hygiene measures : Avoid contact with skin, eyes and clothing.
Wash hands before breaks and immediately after handling the product.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : liquid

Colour : colourless

Odour : mild

Odour Threshold : no data available

pH : 12.4

Melting point/freezing point : no data available

Boiling point/boiling range : no data available

Flash point : > 93.34 °C

Evaporation rate : no data available

Upper explosion limit : no data available

Lower explosion limit : no data available

Vapour pressure : no data available

Relative vapour density : no data available

Relative density : 1.01 lbs. / Gal.

Solubility(ies)
Water solubility : soluble

Partition coefficient: n-octanol/water : no data available

Auto-ignition temperature : no data available

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Decomposition temperature : no data available

Viscosity, dynamic : no data available

Viscosity, kinematic : no data available

SECTION 10. STABILITY AND REACTIVITY

Reactivity : Stable under recommended storage conditions.

Chemical stability : Stable under normal conditions.

Possibility of hazardous reactions : None known. Stable

Conditions to avoid : None known.

Incompatible materials : None known.

Hazardous decomposition products : Thermal decomposition can lead to release of irritating gases and vapours.

SECTION 11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure : Eyes
Skin
Ingestion
Inhalation

Further information

Remarks: Information given is based on data on the components and the toxicology of similar products.

The following toxicological data refer to:

Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides (CAS-No.: 68424-85-1)

Acute toxicity

Acute oral toxicity (LD50) : ca. 344 mg/kg
Species: Rat

Acute dermal toxicity (LD50) : ca. 3,340 mg/kg
Species: Rabbit
Exposure time: 24 h

Skin corrosion/irritation

Skin irritation : Corrosive
Species: Rabbit
Exposure time: 24 h
Method: DOT

Serious eye damage/eye irritation

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Eye irritation : Corrosive
Species: Rabbit
Method: DOT

Respiratory or skin sensitisation

Sensitisation : Test Type: Buehler Test
Species: Guinea pig
Assessment: Did not cause sensitisation on laboratory animals.
Method: OECD Test Guideline 406
Result: not sensitizing
GLP: yes

Germ cell mutagenicity

Genotoxicity in vitro : negative
Ames test, Salmonella typhimurium
Metabolic activation: yes Method: OECD Test Guideline 471
GLP: yes

negative
Chromosome aberration test in vitro, Human lymphocytes
Metabolic activation: yes Method: OECD Test Guideline 473
GLP: yes

SECTION 12. ECOLOGICAL INFORMATION**Ecotoxicity**

no data available

Persistence and degradability

no data available

Bioaccumulative potential**Components:****Ethanol**

Partition coefficient: n-octanol/water : log Pow: -0.3

Mobility in soil

no data available

Other adverse effects

Ozone-Depletion Potential : Regulation: US. EPA Clean Air Act (CAA) Section 602 Ozone-Depleting Substances (40 CFR 82, Subpt. A, App A & B)
Remarks: This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B).

Additional ecological information : There is no data available for this product.

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SECTION 13. DISPOSAL CONSIDERATIONS**Disposal methods**

Waste from residues : Dispose of in accordance with local regulations.

Contaminated packaging : Dispose of as unused product.

SECTION 14. TRANSPORT INFORMATION**IATA**

UN number : 2920
Proper shipping name : Corrosive liquid, flammable, n.o.s.
(Alkyldimethylbenzyl ammonium chloride, Ethanol solution)
Transport hazard class : 8
Packing group : II
Labels : 8 (3)
Environmental hazards : no

IMDG

UN number : 2920
Proper shipping name : Corrosive liquid, flammable, n.o.s.
(Alkyldimethylbenzyl ammonium chloride, Ethanol solution)
Transport hazard class : 8
Packing group : II
Labels : 8 (3)
EmS Number 1 : F-E
EmS Number 2 : S-C
Environmental hazards : Marine pollutant: no

ADR

UN number : 2920
Proper shipping name : CORROSIVE LIQUID, FLAMMABLE, N.O.S.
(Alkyldimethylbenzyl ammonium chloride, Ethanol solution)
Transport hazard class : 8
Packing group : II
Classification Code : CF1
Hazard Identification Number : 83
Labels : 8 (3)
Environmental hazards : no

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RID

UN number : 2920
Proper shipping name : CORROSIVE LIQUID, FLAMMABLE, N.O.S.
(Alkyldimethylbenzyl ammonium chloride, Ethanol solution)
Transport hazard class : 8
Packing group : II
Classification Code : CF1
Hazard Identification Number : 83
Labels : 8 (3)
Environmental hazards : no

DOT

UN number : 1903
Proper shipping name : Disinfectants, liquid, corrosive n.o.s.
(Alkyldimethylbenzyl ammonium chloride, Ethanol solution)
Transport hazard class : 8
Packing group : II
Labels : 8
Emergency Response Guidebook : 153
Number
Environmental hazards : no

TDG

UN number : 2920
Proper shipping name : CORROSIVE LIQUID, FLAMMABLE, N.O.S.
(Alkyldimethylbenzyl ammonium chloride, Ethanol solution)
Transport hazard class : 8
Packing group : II
Labels : 8 (3)
Environmental hazards : no

Special precautions for user : none

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code : Not applicable

SECTION 15. REGULATORY INFORMATION

This chemical is a pesticide product registered by the United States Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets (SDS), and for workplace labels of non-pesticide chemicals.

Signal word : DANGER!
Hazard statements : Harmful if swallowed.
Harmful if absorbed through skin.



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EPA No. : Corrosive. Causes skin burns.
Corrosive. Causes irreversible eye damage.
6836-140

EPCRA - Emergency Planning and Community Right-to-Know Act

SARA 311/312 Hazards : Acute Health Hazard

SARA 302

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313

This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

Clean Air Act

This product does not contain any hazardous air pollutants (HAP), as defined by the U.S. Clean Air Act Section 12 (40 CFR 61).

This product does not contain any chemicals listed under the U.S. Clean Air Act Section 112(r) for Accidental Release Prevention (40 CFR 68.130, Subpart F).

This product does not contain any chemicals listed under the U.S. Clean Air Act Section 111 SOCM Intermediate or Final VOC's (40 CFR 60.489).

Clean Water Act

This product does not contain any Hazardous Substances listed under the U.S. Clean Water Act, Section 311, Table 116.4A.

This product does not contain any Hazardous Chemicals listed under the U.S. Clean Water Act, Section 311, Table 117.3.

This product does not contain any toxic pollutants listed under the U.S. Clean Water Act Section 307

US State Regulations**Massachusetts Right To Know**

Ethanol 64-17-5

Pennsylvania Right To Know

Ethanol 64-17-5

New Jersey Right To Know

Ethanol 64-17-5



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California Prop 65

WARNING! This product contains a chemical known to the State of California to cause cancer.

Ethanol

64-17-5

WARNING: This product contains a chemical known to the State of California to cause birth defects or other reproductive harm.

Ethanol

64-17-5

SECTION 16. OTHER INFORMATION

Revision Date : 2015.10.23

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 given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. 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.