



Revision: 28 October 2016

SAFETY DATA SHEET

SECTION 1 Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

- Product Name: **ULTRA-S3 Field Ready**
- Product Part Number: 4502, 4506, 4508

1.2 Relevant identified uses of the substance or mixture and uses advised against

- Use of the substance/mixture: For industrial use only
- Treatment of organic and inorganic substances

1.3 Details of the supplier of the safety data sheet

- Name of Supplier: UltraTech International, Inc.
- Address of Supplier: 11542 Davis Creek Court, Jacksonville, FL 32256, USA
- Telephone (general): (904) 292-1611
- Email: info@atgbridge.com
- Company website: <http://www.ultras3.com>

1.4 Emergency telephone number

- - CHEMTREC 24 Hour Emergency 1-800-424-9300 (US/Canada)
+1-703-527-3887 (International)

SECTION 2 Hazards identification

2.1 Classification of the substance or mixture

- CLP: Causes serious eye irritation (H319). Causes skin irritation (H315)

2.2 Label elements



- Signal Word: Warning
- Hazard statements

Causes serious eye irritation (H319).
Causes skin irritation (H315)

- Precautionary statements
Wash hands thoroughly after handling (P264).
Wear protective gloves/protective clothing/eye protection/face protection (P280).

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing (P305+P351+P338).

If eye irritation persists: Get medical advice/attention (P337+P313).

IF ON SKIN: Gently wash with plenty of soap and water (P302+P350).

If skin irritation occurs: Get medical advice/attention (P332+P313).

Take off contaminated clothing (P362).

2.3 Other hazards

- None

SECTION 3 Composition/information on ingredients

3.2 Mixtures

- Ferric Chloride
CAS Number: 10025-77-1
EC Number: Not applicable
Concentration: 1 - 5%
Categories: Skin Corr. 1B, Aquatic Chronic 3
Symbols: GHS05
- Mixture of non-hazardous components 95 - 99%.

SECTION 4 First aid measures

4.1 Description of first aid measures

- If INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
- Seek medical advice
- If SWALLOWED: Rinse mouth. Do NOT induce vomiting. NEVER make an unconscious person vomit or drink fluids.
- If vomiting occurs turn patient on side
- Seek immediate medical attention
- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- Seek medical advice

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- IF ON SKIN: Gently wash with plenty of soap and water.
 - Seek medical advice

4.2 Most important symptoms and effects, both acute and delayed

- Can cause damage to the eyes
- Causes redness and irritation

4.3 Indication of any immediate medical attention and special treatment needed

- Rescuers should take suitable precautions to avoid becoming casualties themselves -
Treat symptomatically
-

SECTION 5 Firefighting measures

5.1 Extinguishing media

- Not flammable. In case of fire use extinguishing media appropriate to surrounding conditions

5.2 Special hazards arising from the substance or mixture

- No hazard expected under normal conditions of use

5.3 Advice for firefighters

- Keep container(s) exposed to fire cool, by spraying with water
 - Keep upwind
 - Prevent run off water from entering drains if possible
 - Wear chemical protection suit and positive-pressure breathing apparatus
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SECTION 6 Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

- Wear protective clothing as per section 8
- Shut off source of leak if safe to do so
- Wash thoroughly after dealing with spillage

6.2 Environmental precautions

- Contain spillage by any means possible
- Do not allow to enter public sewers and watercourses

6.3 Methods and material for containment and cleaning up

- Absorb spillage in inert material and shovel up
- Collect as much as possible in clean container for reuse or disposal
- Place in sealable container
- Seal containers and label them
- Disposal should be in accordance with local, state or national legislation
- Wash thoroughly after dealing with spillage

6.4 Reference to other sections

- See Section 8
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SECTION 7 Handling and storage

7.1 Precautions for safe handling

- Proper chemicals handling procedures should be adopted
- Do not eat, drink or smoke when using this product.
- Wear protective clothing as per section 8

7.2 Conditions for safe storage, including any incompatibilities

- Store in a well-ventilated place and keep container tightly closed.
- Store at ambient temperature
- Protect from frost

7.3 Specific end use(s)

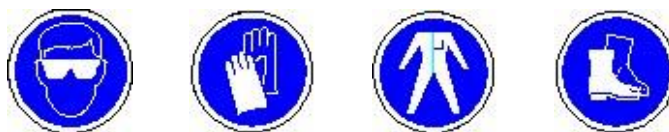
- For industrial use only
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SECTION 8 Exposure controls/personal protection

8.1 Control parameters

- No exposure limits have been set for this substance

8.2 Exposure controls



- Eyewash bottles should be available
 - Respiratory protection may be required under exceptional circumstances when excessive air contamination exists
 - Wear suitable protective clothing, including eye/face protection and gloves (neoprene or nitrile are recommended)
 - For exposure of 1 to 4 hours use gloves made of: neoprene or nitrile thickness (1.45 to 1.85 mm). Discard gloves as soon as any signs of degradation are noticed.
 - Remove contaminated clothing
 - Contaminated clothing should be laundered before reuse
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SECTION 9 Physical and chemical properties

9.1 Information on basic physical and chemical properties

- Appearance: Dark, Liquid
 - Odour: Acrid odour
 - pH: 5.10
 - Flashpoint: Not flammable
 - Boiling Point/Range: >100°C
 - Melting point/Range: Not available
 - Partition Coefficient (n-Octanol/Water): Log Pow - not known
 - Solubility in water: Soluble in water
 - Specific Gravity: 1.050
 - Viscosity: Not available
 - Oxidising Properties: Not oxidising
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- Explosive Properties: Non-explosive

9.2 Other information

- No information available
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SECTION 10 Stability and reactivity

10.1 Reactivity

- No hazardous reactions known if used for its intended purpose

10.2 Chemical stability

- Considered stable under normal conditions

10.3 Possibility of hazardous reactions

- No hazardous reactions known if used for its intended purpose

10.4 Conditions to avoid

- Avoid contact with aluminium
- Keep away from frost

10.5 Incompatible materials

- None

10.6 Hazardous decomposition products - No

hazardous decomposition products known

SECTION 11 Toxicological information

11.1 Information on toxicological effects

- Can cause damage to the eyes
 - Can cause damage to the skin
 - No evidence of carcinogenic effects
 - No evidence of mutagenic effects
 - No evidence of reproductive effects
 - Ferric Chloride
 - Irritation to eyes (rabbit): Positive
 - Irritation to skin (rabbit): Positive
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SECTION 12 Ecological information

12.1 Toxicity

- Low toxicity expected under normal conditions of use

12.2 Persistence and degradability

- Biodegradable

12.3 Bioaccumulative potential

- Low bioaccumulation potential

12.4 Mobility in soil

- miscible with water

12.5 Results of PBT and vPvB assessment

- No information available

12.6 Other adverse effects

- On available data, substance is not harmful to the environment
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SECTION 13 Disposal considerations**13.1 Waste treatment methods**

- Do not discharge into drains or the environment, dispose to an authorised waste collection point
 - Disposal should be in accordance with local, state or national legislation
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SECTION 14 Transport information**Not classified as hazardous for transport****14.1 UN number**

- UN No.: Not applicable

14.2 Proper Shipping Name

- Proper Shipping Name: Not applicable

14.3 Transport hazard class (es)

- Hazard Class: Not applicable

14.4 Packing group

- Packing Group: Not applicable

14.5 Environmental hazards

- Presents little or no hazard to the environment

14.6 Special precautions for user

- No special precautions are required for this product

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

- Not applicable
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SECTION 15 Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

- Refer to current ADR Regulations - Refer to current IATA Regulations - Refer to current IMDG Regulations.
- Refer to current RID Regulations
- This Safety Data Sheet is provided in compliance with the EC Directive 1907/2006-453/2010

15.2 Chemical safety assessment

- This product is either exempt from REACH or does not meet the minimum volume threshold for a chemical safety assessment (CSA)
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SECTION 16 Other information

Text not given with phrase codes where they are used elsewhere in this safety data sheet:- H290: May be corrosive to metals.

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.

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