



SAFETY DATA SHEET

Torch CS

Report Date: January 1, 2018

1. Identification

ProductName :	Torch CS
Synonyms :	None
Product Use :	Liquid Fertilizer Supplement
Manufacturer/Supplier :	Blaster Agriculture
Address :	N7934 HWY 187
General Information :	Shiocton WI 54170
Transportation Emergency Number:	608-514-6811 800-535-5053

2. Hazard Identification

HAZARD PICTGRAM: None

Signal Word: None

Skin Irritation: Not Classified

Eye Irritation: Not Classified

Acute Toxicity Oral: Not Classified

Acute Toxicity Dermal: Not Classified

Hazard Categories: None

Hazard Statement: This material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200)

3. Composition/Information on Ingredients

Component	CAS Number	Weight %
Organicacids:		8.00%
Seaweed Extract:		5.00%
Glucose: Inert		3.00%
Potassium Phosphite	13492-26-7	15.00%
Inner Ingredient		69.00%



Torch CS

Report Date: January 1, 2018

4. First Aid Measure

Eye: Rinse continually with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing the eye. Call poison control center or doctor if you feel unwell.

Skin: Take off contaminated clothing. Wash skin with soap and water. If skin irritation occurs, get medical advice or attention. Call poison control center or doctor for further treatment advice.

Inhalation: Move person to fresh air. Call poison control center or doctor for further treatment advice if you feel unwell.

Inhalation: Call poison control or doctor if you feel unwell. Rinse mouth with clean water

Indication of Immediate Medical Attention and Special Treatment Needed: Treat Symptomatically

5. Fire Fighting Measures

Extinguishing Media: Non-combustible liquid. Use extinguishing media suitable for underlying cause of fire.

Specific Hazards Arising from the Chemical: May produce carbon monoxide, carbon dioxide, low molecular weight hydrocarbons and/or toxic fumes under fire conditions

Special Fire Fight Proc: Evacuate nonessential personnel. As in any fire, wear self contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. Wear self-contained breathing apparatus and full protective clothing. Use water spray to cool containers exposed to fire

6. Accidental Release Measures

Personal Precautions: Keep unprotected and unnecessary personnel out of spill area

Protective Equipment: Equip cleanup crew with proper protection

Emergency Procedures: Contain spill. Do not allow spilled product to contaminate water supplies, lakes, streams, ponds, or drains.

Methods and Materials for Containment and Cleanup: Collect spilled liquid and reuse, if uncontaminated. If contaminated, cover with inert absorbent material, collect and place in suitable containers for proper disposal.



Torch CS

Report Date: January 1, 2018

7. Handling and Storage

Precautions for Safe Handling: Keep containers closed when not in use. Do not eat, drink, or smoke when using this product. Do not contaminate water supplies, lakes, streams, ponds or drains.

Conditions for Safe Storage: Keep out of reach of children. This product may freeze at temperatures less than 32 degrees F. Thawing occurs readily at temperatures greater than 32 degrees F. Do not store at temperatures greater than 110 Degrees F. Do not store in direct sunlight. Do not store near heat or open flame.

8. Exposure Controls/Personal Protection

TLV/PEL: No information found

Appropriate Engineering Controls: Local exhaust is sufficient

Personal Protective Equipment: Avoid all unnecessary exposure. Wear protective gloves. Chemical goggles or safetyglasses, suitable protective clothing, appropriate mask. Do not eat, drink or smoke during use. Eyewash station should be available nearby.

9. Physical and Chemical Properties

Physical State: Liquid

Appearance: Dark brown or Black liquid, slight amine odor

Flash Point, °F: Not flammable

Boiling Point, °F: >212 Degrees F

Melting Point (Freezing Point), °F: <32 Degrees F

Vapor Pressure, mm Hg @ 20 °C: Not established

Vapor Density: Not established

Solubility in Water : 99%

Molecular Formula: Not applicable, formulated mixture

Density, g/mL @ 25 °C: 1.040 to 1.060

pH: 4.0

Flammable Limits: No information found

Auto-Ignition Temperature: Not applicable

Decomposition Temperature: Not established



Torch CS

Report Date: January 1, 2018

10. Stability and Reactivity**Reactivity:** Normally Stable**Chemical Stability:** Stable**Hazardous Decomposition Products:** May emit oxides of carbon under fire conditions**Hazardous Polymerization:** Will not occur**Conditions to Avoid :** Avoid direct sunlight and temperatures below 32°F and above 110°F.**Incompatible Materials:** May react with alkaline materials**11. Toxicology Information****Acute Toxicity (Oral LD50):** No information found.**Acute Toxicity (Dermal LD50):** No information found**Acute Toxicity (Inhalation LD50):** No information found. May cause nose and throat irritation if inhaled**Likely Routes of Exposure:** Skin and Eyes**Skin Irritation:** No hazard listed**Eye Irritation:** No hazard listed**Skin Sensitization:** No hazard listed**Carcinogenic:** Not listed by IARC, NTP or OSHA**Chronic Effects:** None currently known**Other Hazards:** None currently known**12. Ecological Information****Ecotoxicity:** No information found.**Persistence and Degradability:** No information found**Bioaccumulative Potential:** No information found.**Mobility in Soil:** No information found.**Other Adverse Effects:** No information found



Torch CS

Report Date: January 1, 2018

13. Disposal Considerations

Waste Disposal Method: Dispose in a safe manner in accordance with local/national regulations

14. Transportation Information

UN Proper Shipping Name: Not regulated by DOT, IATA or IMDG

Transport Hazard Class: None

UN Identification Number: None

Packaging Group: None

Environmental Hazards: No information found

Transport in Bulk: No information found.

Special Precautions for Transportation: No information found.

Freight Classification: Class 60

15. Regulatory Information

National Fire Protection Association Rating: Health: 1, Fire: 0, Reactivity: 0

16. Other Information

Other Information: None **Disclaimer:** 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 manufacturer expressly does not make any representations, warranties, or guarantees as to its accuracy, reliability or completeness nor assumes any liability, for its use. It is the user's responsibility to verify the suitability and completeness of such information for each particular use. Third party materials: Insofar as materials not manufactured or supplied by this manufacturer are used in conjunction with, or instead of this product, it is the responsibility of the customer to obtain, from the manufacturer or supplier, all technical data and other properties relating to these and other materials and to obtain all necessary information relating to them. No liability can be accepted in respect of the use of this product in conjunction with materials from another supplier. 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.