

JOHNSON MANUFACTURING COMPANY

Safety Data Sheet

To comply with 29CFR 1910.1200
OSHA's Hazard Communication Standard

Johnson's Soldering Fluid, 01-00

1. PRODUCT AND COMPANY INFORMATION

Johnson Manufacturing Company
114 Lost Grove Road
Princeton IA 52768

Emergency Telephone 1-(563)-289-5123
CHEMTREC AFTER HOURS 1-(800)-424-9300
Revised 1/1/2018 by JMC Product Safety

2. HAZARD IDENTIFICATION

GHS Classification:

Acute Tox. 4 *
Skin Corr. 1B
Aquatic Acute 1
Aquatic Chronic 1
Eye Irrit. 2



GHS Label Elements:

ZINC AMMONIUM CHLORIDE
DANGER

H Codes: H302, H314, H319, H410
Harmful if swallowed
Harmful if inhaled
Causes severe skin burns and eye damage
Very toxic to aquatic life with long lasting effects

P Codes:

P264, 270, 280, 301+312, 330, 501, 260, 301+330+331, 303+361+353+310, 363, 304+340, 321, 405, 273, 305+351+338+310, 337+313

Avoid breathing dust/mist/vapors/fumes/spray. Do not get in eyes, on skin, or on clothing. Use in a well ventilated area. Wear protective gloves/protective clothing/eye protection/face protection. In case of inadequate ventilation use respiratory protection. Do not eat, drink or smoke when using this product. IF SWALLOWED: Rinse mouth. DO NOT induce vomiting. Immediately call a POISON CENTER/Doctor. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. Get medical advice/attention if you feel unwell. IF INHALED: Remove victim to fresh air and keep comfortable for breathing. Get medical advice/attention if you feel unwell. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call POISON CENTER/Doctor. Wash thoroughly after use. Wash contaminated clothing before reuse. Store in a closed corrosive resistant container, with corrosive resistant liner, in cool dry place. Avoid release to the environment. Dispose of

contents/container in accordance with specified local/regional/national/international regulations for disposal. Keep out of the reach of children. Read label and SDS prior to use.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Component	CAS #	OSHA TWA	ACIGH TWA	Other limits	%
+ Zinc Chloride	7646-85-7	1mg/M3	1mg/M3	NE	39 %
Ammonium Chloride	12125-02-9	10mg/M3	10mg/M3	NE	
As Zinc Ammonium Chloride					

Only those ingredients listed in this section have been determined to be hazardous as defined in 29CFR 1910.1200.

An ingredient marked with an asterisk(*) is also listed in 29CFR 1910.1200(D) #4 as a known or suspected cancer hazard.

+ denotes a chemical regulated as toxic by the Environmental Protection Agency (EPA) as outlined in 40CFR Part 372 (section 313)

4. FIRST AID MEASURES

Signs and symptoms of exposure: Inhalation-Nose & throat irritation, headache, dizziness, difficulty breathing, coughing. Ingestion-nausea, vomiting, cramps. Skin-redness, burning, rash, dryness. Eye-redness, burning, tearing, blurred vision.

Medical conditions aggravated by exposure: Skin, kidney and respiratory conditions.

Emergency first aid procedures:

Skin: Flush with water immediately - Seek medical attention if necessary

Eyes: Flush with water for 15 minutes - Seek medical attention

Ingestion: DO NOT induce vomiting, drink large amounts of water - seek medical attention.

Never give anything by mouth to an unconscious person

Inhalation: Remove to fresh air. Support respiration if required - Seek medical attention

5. FIREFIGHTING MEASURES

Extinguishing media: dry chemical.

Special fire fighting procedures: use self sustaining respiratory suit.

Unusual Fire and Explosion Hazards: May release hydrochloric acid, zinc chloride, zinc oxide, ammonia fumes.

6. ACCIDENTAL RELEASE MEASURES

Methods and materials: Flush into chemical sewer or soak up with a suitable absorbent. Wear adequate protection as described in section 8. **Environmental Precautions:** Avoid release to the environment. Collect spillage.

7. HANDLING & STORAGE