

# FLUX, PASTE, 1 LB., NO. 5

**Product: BP898**  
Revision Date: 2015/02/19

## Section 1: PRODUCT INFORMATION

**Chemical family:**

**Product uses:** Flux

**Product name:** Oatey #5 Paste Flux

**Manufacturer:** Oatey Co.  
4700 West 160th Street  
P.O. Box 35906  
Cleveland, Ohio 44135.

**Manufacturer emergency phone number:** Chemtrec 800-424-9300.  
703-527-3887.  
877-740-5015

**Information phone number:** 216-267-7100

**Supplier:** Same as manufacturer.

**TDG classification:** Not regulated.

**WHMIS classification:**

E, D2B.



**DSL status:** The substance(s) listed in section 2 appear on the Domestic Substances List.

**Supplier MSDS date:** 2015/02/19.

## Section 2: HAZARDOUS INGREDIENTS

C.A.S.	CONCENTRATION %	Ingredient Name	TLV	LD50	LC50
12125-02-9	1-5	AMMONIUM CHLORIDE	10 MG/M3 (FUME)	1650 MG/KG RAT ORAL  1300 MG/KG MOUSE ORAL	NOT AVAILABLE
7646-85-7	10-30	ZINC CHLORIDE	1 MG/M3	350 MG/KG RAT ORAL  329 MG/KG MOUSE ORAL	2000 MG/M3 RAT INHALATION
8009-03-8	60-100	PETROLATUM	NOT AVAILABLE	NOT AVAILABLE	NOT AVAILABLE

## Section 2A: ADDITIONAL INGREDIENT INFORMATION

**Note:** (supplier).

This product contains 3 – 7% water (CAS# 7732-18-5).  
CAS# 8009-03-8 TLV 5 mg/m3.

## Section 3: PHYSICAL DATA

**Physical state:** Semi-solid.

**Appearance & odor:** Paste  
**Odor threshold (ppm):** Not available.  
**Vapour pressure (mmHg):** Not available.  
**Vapour density (air=1):** > 1  
**Volatiles (%)**  
**By volume:** Not available.  
**Evaporation rate (butyl acetate = 1):** Not available.  
**Boiling point (°C):** 336.67.  
**Freezing point (°C):** Not available.  
**pH:** Not available.  
**Specific gravity @ 20 °C:** Not available.  
**Solubility in water (%):** Insoluble.  
**Coefficient of water\oil dist.:** Not available.  
**VOC:** (weight fraction).  
(g/l)  
29  
3%

<b>Section 4: FIRE &amp; EXPLOSION DATA</b>
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**Flammability:** Not flammable.  
**Conditions of flammability:** At temperatures at or above flash point.  
**Extinguishing media:** Carbon dioxide, dry chemical, foam.  
Do not use water jet.  
Water spray or fog.  
**Special procedures:** Wear a positive–pressure, self–contained breathing apparatus and full protective equipment.  
Use water spray to cool fire exposed containers.  
**Auto–ignition temperature (°C):** Not available.  
**Flash point (°C), method:** 282.2  
**Lower flammability limit (% vol):** Not available.  
**Upper flammability limit (% vol):** Not available.  
**Explosion Data**  
**Sensitivity to static discharge:** Not available.  
**Sensitivity to mechanical impact:** Not available.  
**Hazardous combustion products:** Not available.  
**Explosive power:** No unusual hazards.

## Section 5: REACTIVITY DATA

- Chemical stability:** Stable under normal conditions.
- Conditions of instability:** Not available.
- Hazardous polymerization:** Not available.
- Incompatible substances:** Strong oxidizing agents.
- Hazardous decomposition products:** None known.

## Section 6: TOXICOLOGICAL PROPERTIES

- Route of entry:** Skin contact, eye contact, inhalation and ingestion.
- Effects of acute exposure
- Eye contact:** May cause blindness.  
May cause tearing.  
May cause redness.  
May cause permanent eye damage.  
May cause blurred vision.  
May cause stinging.  
Causes serious eye damage.
- Skin contact:** Corrosive.  
Causes severe burns.  
May cause pain.  
May cause skin damage.
- Inhalation:** May cause irritation to the respiratory tract.
- Ingestion:** Causes digestive tract burns.
- Effects of chronic exposure:** Prolonged inhalation may be harmful.
- LD50 of product, species & route:** Not available for mixture, see the ingredients section.
- LC50 of product, species & route:** Not available for mixture, see the ingredients section.
- Exposure limit of material:** Not available for mixture, see the ingredients section.
- Sensitization to product:** Not a skin sensitizer.
- Carcinogenic effects:** Not listed as a carcinogen.
- Reproductive effects:** None known.
- Teratogenicity:** Not available.
- Mutagenicity:** None known.
- Synergistic materials:** Not available.

## Section 7: PREVENTATIVE MEASURES

### Precautionary Measures

- Gloves/Type:** Chemical resistant gloves.
- Respiratory/Type:** If ventilation is inadequate.  
Wear a NIOSH approved respirator.

**Eye/Type:** Safety glasses with side shields (or goggles) or a face shield.

**Footwear/Type:** Safety shoes per local regulations.

**Clothing/Type:** Chemical resistant clothing.

**Other/Type:** Eye wash facility should be in close proximity.  
Emergency shower should be in close proximity.

**Ventilation requirements:** Typically 10 air changes per hour.  
Local exhaust and/or mechanical ventilation to maintain exposure below TLV.

**Leak/Spill:** Dike area to prevent spreading.  
Evacuate all non-essential personnel.  
Prevent entry into drains, sewers, and other waterways.  
Do not touch spilled material.  
Stop leak if without risk.  
Ventilate area.  
Wear appropriate protective equipment.  
Stay upwind.  
Place in a closed container for disposal.  
Use water spray to reduce vapors.  
Notify the appropriate authorities as required.

**Waste disposal:** Dispose in accordance with local, provincial/state, and federal regulations.

**Handling procedures and equipment:** Maintain a good personal hygiene.  
Handle and open container with care.  
Use adequate ventilation.  
Wash thoroughly after using, particularly before eating or smoking.  
Wear personal protective equipment appropriate to task.  
Empty containers containing residue may cause a hazard.  
Keep out of reach of children.  
Avoid breathing dust or fumes.  
Avoid contact with skin, eyes and clothing.  
Do not take internally.  
Launder contaminated clothing prior to reuse.

**Storage requirements:** Store away from incompatible materials.  
Keep containers closed when not in use.  
Keep containers tightly closed.  
Store in original container.

**TDG classification:** Not regulated.

**Special shipping information:** See transportation information.

## Section 8: FIRST AID MEASURES

**Skin contact:** Flush with large amounts of water, for at least 15 minutes.  
If irritation occurs, consult a physician.  
Chemical burns must be treated promptly by a physician.

**Eye contact:** If irritation occurs, consult a physician.  
Immediately flush with large amounts of water for at least 15 minutes, lifting upper and lower lids.  
Seek medical attention if irritation persists.

**Inhalation:** Remove victim to fresh air.  
Keep person warm.  
If irritation occurs, consult a physician.

**Ingestion:** Do not induce vomiting, seek medical attention.  
If vomiting occurs, keep head below hips.  
Never give anything by mouth to an unconscious person.  
Rinse mouth with water.

**Additional information:** The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any inaccuracies.

<b>Section 9: ADDITIONAL INFORMATION</b>
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**General note:** This material safety data sheet was prepared from information obtained from various sources, including product suppliers and the Canadian Center for Occupational Health and Safety.

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