

### **Section 01 Identification**

Info furnished by: Fry Technology  
Address: 6th Avenue & 41st Street  
Altoona, PA 16602  
Date Effective: 4/19/91  
Emergency Phone: (814) 946-1611  
Chemtrec 800-424-9300 (Use only in the event of chemical emergencies involving a spill, leak, fire, exposure, or accident involving chemicals.)  
Product or Trade Name Fry 765 Neutral Water Soluble Flux  
Person to Contact: John Laughlin

### **Section 02 Constituents**

Chem	CAS	%WT	Carcinogen	TLV/TWA	OSHA PEL
Isopropanol	67-63-0	85	No	400 ppm	400 ppm

Unlisted percentages are nonhazardous activators, surfactants, stabilizers and water.

None of the material in this product is listed in NTP, IARC, or OSHA.

### **Section 03 Physical Data**

Melting Point N/A  
Boiling Point 180° F  
Vapor Pressure 30 mm Hg  
Vapor Density (air is 1) > 1  
Solubility in Water Complete  
Appearance & Color Clear straw colored liquid  
Specific Gravity 0.839  
Odor Alcoholic  
% Volatile 85%  
pH 6.5 - 7.5  
Evaporation Rate (nBuAc=1) 1.5

### **Section 04 Fire & Explosion Hazard Data**

Flash Point/Method Used 55° T.C.C  
Flammable Limits LEL 2 UEL 12  
Extinguishing Media CO<sub>2</sub>, dry chemical, foam  
Fire-fighting equipment Use self-contained breathing apparatus in confined areas.  
Special precautions N/A

### **Section 05 Reactivity Data**

Stability: Stable

Conditions to avoid: N/A

Hazardous Polymerization: Will not occur

Conditions to avoid: N/A

Incompatibility: Strong oxidizer

Hazardous Decomposition Products: None known

### **Section 06 Spill, Leak and Disposal Procedures**

Action to take for Spills/Leaks: Extinguish and do not turn on any ignition source until area is determined free from explosion or fire hazards. Wear suitable protective equipment, avoid contact with liquid and vapors. Collect for disposal.

Disposal Method: Incinerate in a furnace where permitted under appropriate federal, state and local regulations.

### **Section 07 Health Hazard Data**

Eye: Causes slight to moderate irritation, with possible corneal damage.

Skin Contact: Prolonged contact may cause drying and cracking of skin or slight irritation.

Skin Absorption: No evidence of adverse effects from available information.

Ingestion: Slightly toxic. Ingestion of a large quantity may cause drowsiness and loss of consciousness. Stomach cramps, pain, nausea, vomiting and diarrhea may also occur.

Inhalation: Low concentrations may cause mild irritation of eyes, nose, and throat. Concentrations above TLVs may result in headache and drowsiness.

Systemic & Other Effects: None currently known.

### **Section 08 First Aid Procedures**

Eyes:	Immediately flush eyes with copious amounts of water for at least 15 minutes. Get medical attention.
Skin:	Remove contaminated clothing and wash skin with soap and water.
Ingestion:	If large quantity swallowed, give luke warm water (pint) if victim is completely conscious/alert. Do not induce vomiting / risk of damage to lungs exceeds poisoning risk. Obtain emergency medical attention.
Inhalation:	Remove to fresh air. If breathing stops, give artificial respiration and get medical attention promptly.
Note to Physician:	No specific antidote. Treatment based on the sound judgement of the physician and the individual reactions of the patient.

### **Section 09 Special Handling Information**

Ventilation:	This product should be confined within closed equipment, in which case general mechanical room ventilation should be satisfactory. Special, local ventilation is needed at points where vapors can be expected to escape to the work place air.
Respiratory Protection:	Self-contained breathing apparatus in high vapor concentrations.
Eye Protection:	Splash goggles.
Skin Protection:	Rubber gloves.

### **Section 10 Special Precautions & Additional Information**

Storage:	Keep away from heat, sparks and flame. Avoid contact with eyes. Keep container closed. Use with adequate ventilation. Wash thoroughly after handling. For industrial use only.
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### **Section 11 Hazard Rating**

Based on NFPA and NPCA Systems

Health - 1

Flammability - 4

Reactivity - 0

Special Hazard -

The information is given in good faith, but no warranty, express or implied, is made.