



**Chemical Name:** Non-Flammable Safety Solvent

**Manufacturer:** Total Solutions

**Container size:** 16oz.

**Location:** VLA

**Disposal:** Place empty container in trash.

# MATERIAL SAFETY DATA SHEET

(Prepared According To 29 CFR 1910.1200)

## SAFETY SOLVE

Effective Date 3/01/03

N/A = Not Applicable

### SECTION 1 - PRODUCT IDENTIFICATION

Product Name: SAFETY SOLVE  
Generic Name: Degreaser  
Manufacturer's Name: Safety Chem, Inc.  
Manufacturer's Address: S.L.C., Utah  
Proper Shipping Name:

Chemical Family: N/A  
Formula: Proprietary

#### NPCA Hazardous Materials Identification System

Health	1
Flammability	0
Reactivity	0
Maximum Personal Protection	A

### SECTION 2 - INGREDIENTS

CHEMICAL NAME	CAS NO.	WT. %	PEL	TWA-TLV	STEL-TLV	CARCINOGEN
Sodium Carbonate	000497-19-8	< 20				No
Sodium Metasilicate Pentahydrate	6834-92-0	> 65				No
Nonionic Surfactant	127087-87-0	< 10				No
Citrus Terpenes	26027-38-3	< 10				No
Dye	N/A	Trace				No

This product contains the following toxic chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of 40 CFR 372.

CAS #	Chemical Name	Percent by Weight
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### SECTION 3 - PHYSICAL DATA

Boiling Range (°F): N/A  
Vapor Pressure: N/A  
Specific Gravity: N/A  
Vapor Density: (Air = 1): >1  
pH: 12.50 ± 0.05  
Solubility in Water: 100%  
Evaporation Rate: (Water = 1): N/A  
Physical Description: Green Powder

### SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used): N/A  
Upper Explosive Limit: N/A  
Lower Explosive Limit: N/A  
Extinguishing Media: Any  
Special Fire Fighting Procedures: N/A  
Unusual Fire and Explosion Hazards: N/A

### SECTION 5 - REACTIVITY DATA

Stability: Stable  
Hazardous Polymerization: Will not occur  
Incompatibility (Materials to Avoid): None  
Hazardous Decomposition Products: None known

### SECTION 6 - STORAGE AND HANDLING INFORMATION

Precautions to be Taken in Handling and Storage:  
Keep out of reach of children. For use by trained personnel only.  
Keep container closed during storage. For institutional and industrial use only.

### SECTION 7 - HEALTH HAZARDS AND FIRST AID

Effects of Overexposure:  
Primary Route of Entry:  
Skin: Defatting to skin on repeated contact.  
Eyes: Severe eye irritant. May cause redness and swelling of the conjunctiva.  
Inhalation: N/A  
Ingestion: May be irritating to the gastrointestinal system. Vomiting and diarrhea expected with large doses.

#### First Aid Procedures:

Skin: Flush with water for 15 minutes.  
Eyes: Flush with large quantities of water. Seek medical attention if irritation persists.  
Inhalation: N/A  
Ingestion: Drink large quantities of water. Seek medical attention if symptoms persist.

### SECTION 8 - SPECIAL PROTECTION INFORMATION

Respiratory Protection: N/A  
Protective Gloves: If desired  
Other Protective Equipment: N/A

Ventilation: Provide local exhaust to keep TLV of Section 2 ingredients below acceptable limit.  
Eye Protection: Safety glasses recommended.

### SECTION 9 - SPILL OR LEAK PROCEDURES

Steps to be Taken in Case Material is Released or Spilled:  
Pick up or otherwise absorb and hold for disposal

Waste Disposal Method:  
Any method in accordance with State and Federal laws.

# BIOCHEM

## INCORPORATED

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