

SAFE CARE®

Industrial Cleaners, Solvents & Specialty Products



SAFE CARE® SuperSolv™ Safety Solvent

DESCRIPTION: *SC-SuperSolv™* is a non-evaporative solvent that safely removes most organic and inorganic soils without damaging the cleaning surface. With a Kauri Butinol (KB) value estimated in excess of 150, *SC-SuperSolv™* removes lubricants, brake fluid, engine oil, lithium grease, paint, permanent marker, and certain adhesives. *SC-SuperSolv™* is non-aromatic and contains no ozone depleting chemicals. *SC-SuperSolv™* is an organic, antioxidant solvent that will not harm most plastics, vinyl, nylon, butene, rubber, ferrous metals or natural fibers. *SC-SuperSolv™* is water miscible and works effectively in ultrasonic cleaners and automatic parts cleaners. *SC-SuperSolv™* complies with:

- OSHA 29-CFR Ch. XVII 1910.1200 and 40 CFR Ch. 1, Subparts C & D
- USEPA 600, 4-90, 027 for aquatic toxicity
- USEPA 601 & 602 for VOC testing
- GSA SIN 375-361, 375-362 & 375-363
- US DOT: Class 55, Liquid Cleaning Compounds

SC-SuperSolv™ is a powerful replacement for:

- 1,1,1-Trichloroethane, TCA ? Trichloroethylene, TCE
- Toluene, Methyl benzene ? Perchloroethylene
- Methyl Chloride ? Stoddard Solvent
- Glycol Ethers, Butyl Cellosolve

INSTRUCTIONS: *SC-SuperSolv™* is a powerful solvent and should be pre-tested prior to use especially on soft metals. *SC-SuperSolv™* may be used full-strength or diluted with water depending on the specific application. When water is added, *SC-SuperSolv™* will become more of a release agent and less of a solvent. *SC-SuperSolv™* may be spray applied, or applied by a cloth, and wiped from the cleaning surface. Less product may be necessary if factors such as increased temperature, dwell time and/or agitation are used. Rinse thoroughly with water to remove soil and residual product.

Suggested Dilutions:	Heavy Cleaning	100% - 50%
	Average Cleaning	50% - 20%
	Routine Maintenance	10% - 2%

BASIC PROPERTIES:

Appearance:	Clear, viscous light amber liquid
Odor:	Mild solvent
Water Solubility:	100%
Boiling Point:	136.6°C (212°F)
Flash Point:	82.2°C (180°F)
Specific Gravity:	1.018
Relative Density:	Greater than water
pH Range:	10.2 – 10.4

SAFE CARE® PRODUCTS ARE:

- Non-toxic
- Non-reactive
- Non-carcinogenic
- Readily biodegradable
- Derived from renewable resources
- Safe to use, store and dispose of

SAFE CARE® PRODUCTS DO NOT CONTAIN:

- Petroleum distillates
- Glycol ethers
- Terpenes
- Synthetics
- Builders & reagents
- Caustics

The information contained herein is believed to be correct including test data conducted under controlled laboratory conditions. Users of **SAFE CARE** products should perform their own test(s) to determine the suitability of the product for their specific application(s). For questions: techsupport@gemtek.com

A Division of **GEMTEK® Products**

3808 North 28th Avenue • Phoenix, AZ 85017 • 602-265-8586 • FAX 602-265-7241 • www.gemtek.com



Product Name:

SAFE CARE® Supersolv™ Safety Solvent

Revision Date: 07/01/05

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Hazard Scale		Product Rating	
4	Extreme	Fire	0
3	High	Toxicity	0
2	Moderate	Reactivity	0
1	Slight	Health	1
0	Insignificant	Safety	0

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

Supplier: **GEMTEK** Products
3808 North 28th Avenue
Phoenix, Arizona 85017 USA
www.gemtek.com - info@gemtek.com

Emergency Telephone Number: (602) 265-8586 or 800-331-7022 (in the U.S.)

2. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name of the Substance: Proprietary Compound, which complies with OSHA 29 CFR XVII-1910.1200 Section (i) "Trade Secrets". Contains no hazardous components under current OSHA definitions. Contents include ethoxylated alcohol surfactant, Tall-oil, fatty acid, surfactant.

European Union: None of the components of this product are listed in Annex I to Directive 67/548/EEC or in Annexes II, III or V to Directive 1999/45/EC

3. HAZARDS IDENTIFICATION

Most Important Hazards: None, non-hazardous

Specific Hazards: May be an eye irritant. Do not spray into eyes. If irritation does occur, rinse with clean water.

4. FIRST AID MEASURES

General Advice: Product exhibits no adverse effects.

Inhalation: Non-reactive - No First Aid needed.

Skin Contact: Non-irritating - No First Aid needed.

Eye Contact: Rinse thoroughly with plenty of water.

Ingestion: Non-toxic - No First Aid needed.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media: Water, water fog, dry chemical, foam, CO₂

Specific Hazards: None

Specific Methods: None

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: None needed. Caution floor may be slippery.

Environmental Precautions: None needed; non-toxic, non-hazardous in neat form.

Methods for Cleaning Up: Take up with absorbent material or dispose directly by flushing area with water into sewer.

7. HANDLING AND STORAGE

Technical Measures/Precautions: Normal ventilation is adequate.

Safe Handling Advice: Avoid contact with eyes.

Technical Measures/Storage Conditions: Low temperature can cause handling problems. Viscosity of material will increase.

Incompatible Products: No special restrictions on storage with other products.

Packaging Material: No restrictions.

Emergency Contact Number: 800-331-7022

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8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Measures:	General room ventilation is satisfactory.
Control Parameters:	None needed.
Personal Protection Equipment	
Respiratory:	None needed.
Eye:	Safety glasses may be used.
Hand:	Gloves may be used.
Hygiene Measures:	Avoid contact with eyes.

9. PHYSICAL AND CHEMICAL PROPERTIES

% Volatile by Volume: Low	Freezing Point: -5.6°C (22.0°F)
Boiling Point/Range: 136.6°C (278°F)	Odor: Pleasant mild solvent odor
Color: Light amber	pH: 10.2 - 10.4
Decomposition Temperature: N/A	Relative Density: Greater than water
Dielectric Strength: 2000 volts	Specific Gravity: 1.018 @ 15.6°C
Electric Conductivity: N/A	Surface Tension: 30.2 dynes / cm @ 25°C
Evaporation Rate: .02	Vapor Density: 2.1
Explosive Properties: None	Vapor Pressure: 2 mm Hg @ 20°C
Flash Point: 82.2°C (180°F)	Water Solubility: 100% (completely water soluble)
Form: Viscous liquid	
Volatile Organic Compounds: Considered none measurable by U.S. EPA Methods 601, 602 and 608	

10. STABILITY AND REACTIVITY

Conditions to Avoid:	Avoid flame and extreme heat.
Materials to Avoid:	None.
Hazardous Decomposition Products:	None.

11. TOXICOLOGICAL INFORMATION

Acute Toxicity:	Non-toxic.
Local Effects:	None.
Specific Effects:	None.

12. ECOLOGICAL INFORMATION

Non-toxic; non-hazardous; safe for the environment. This product is readily biodegradable according to OECD Method, Modified Sturm Test.

13. DISPOSAL CONSIDERATIONS

Waste from Residues/Unused Products: Can be used after filtering. Product is recyclable.

Contaminated Packaging: If recycling is not practicable, dispose of in compliance with the Environmental Protection (Duty of Care) Regulations 1991 if contaminated with hazardous materials. May be disposed of in neat form.

14. TRANSPORT INFORMATION

Shipping Description: Liquid Cleaning Compounds NMFC#48580 US DOT Classification: 55
Not classified as dangerous in the meaning of transport regulations.

15. REGULATORY INFORMATION

Product complies with all known regulatory considerations and is unregulated and not listed as a Hazmat by any agency.

16. OTHER INFORMATION

For further information, contact the Headquarters of **GEMTEK** Products

Recommended Uses: Solvent-Replacement for hazardous, toxic petroleum based or dangerous chlorinated solvents

The information provided in this Material 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 guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and is not valid for such material used in combination with any other materials or in any process, unless specified in the text.