

Sta-Sol® PC

Safety Data Sheet

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Product Name: Sta-Sol® PC

Common Name: Industrial Solvent

Chemical Name: Propylene Carbonate, CAS No. 108-32-7

1.2. Relevant identified uses of the substance or mixture and uses advised against

Recommended Use Resin Cleaning and Coatings Applications

Uses advised against Not Available

1.3. Details of the supplier of the safety data sheet

Company J R Hess Company, Inc.
1-800-828-4377

400 Station Street
Cranston, RI 02910

E-mail address custserv@jrhess.com

1.4. Emergency telephone number

For information US call: 001-877-785-2271

Emergency Number CHEMTREC Tel. No.US:001-800-424-9300

SECTION 2: HAZARDS IDENTIFICATION**2.1. Classification of the substance or mixture**

Eye Irritation

Category 2A

GHS Classification Scale (1= severe hazard; 4= slight hazard)

2.2. Label elements**Pictogram****Signal Word:****Warning****Hazard Statements**

H319 Causes serious eye irritation

Precautionary Statements**Prevention:**

P264 Wash skin thoroughly after handling.

P280 Wear eye protection/ face protection.

Response:

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337 + P313 If eye irritation persists: Get medical advice/ attention.

Storage

P403 + P233 Store in a well-ventilated place. Keep container tightly closed. P405 Store locked up.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Component	Weight %	CAS No.
Propylene Carbonate	95-100	108-32-7

SECTION 4: FIRST AID MEASURES**4.1. Description of first aid measures**

Eye Contact	Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses. Protect unharmed eye. Keep eye wide open while rinsing. If eye irritation persists, consult a specialist.
Skin Contact	Immediately take off all contaminated clothing. For skin contact, wash immediately with soap and water. If irritation persists, get medical attention.
Ingestion	Keep respiratory tract clear. Do not give milk or alcoholic beverages. Never give anything by mouth to an unconscious person.
Inhalation	If inhalation of gas/fume/vapor/dust/mist from the material is excessive (air concentration is greater than the TLV or health effects are noticed), immediately remove the affected person(s) to fresh air. Seek medical attention.
Protection of First-aiders	Ensure that medical personnel are aware of the material(s) involved, take precautions to protect themselves and prevent spread of contamination

4.2. Most important symptoms and effects, both acute and delayed

No information available

SECTION 5: FIREFIGHTING MEASURES

5.1 Suitable extinguishing media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

5.2 Unsuitable extinguishing media : High volume water jet

5.3 Specific hazards during firefighting : No data is available on the product itself.

5.4 Hazardous combustion : No hazardous combustion products are known.

5.5 Specific extinguishing methods : No data is available on the product itself.

5.6 Further information : Standard procedure for chemical fires.

5.7 Special protective equipment for firefighters : Wear self-contained breathing apparatus for firefighting if necessary.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation. Use personal protective equipment.

6.2. Environmental precautions

Should not be released into the environment.

6.3. Methods and material for containment and cleaning up

Collect spillage and collect in suitable container for disposal.

6.4. Reference to other sections

Refer to protective measures listed in Sections 8 and 13.

SECTION 7: HANDLING AND STORAGE

7.1 Advice on safe handling

Do not breathe vapors/dust. Avoid contact with skin and eyes. For personal protection see section 8. Smoking, eating and drinking should be prohibited in the application area. Dispose of rinse water in accordance with local and national regulations.

7.2 Conditions for safe storage

Keep container tightly closed in a dry and well-ventilated place. Electrical installations / working materials must comply with the technological safety standards.

7.3 Materials to avoid

Keep away from oxidizing agents. Keep away from strong acids.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Exposure controls

Control Parameters

Contains no substances with occupational exposure limit values.

Hygiene Measures:

Handle in accordance with good industrial hygiene and safety practice

Engineering Measures:

Ensure that eyewash stations and safety showers are close to the workstation location. Ensure adequate ventilation, especially in confined areas

Personal protective equipment



Eye Protection:

Safety glasses with side-shields or face shield

Hand Protection:

Protective gloves. Chemical Resistant.

Skin and body protection:

Wear appropriate impervious protective gloves and clothing to prevent skin exposure

Hygiene Measures:

Handle in accordance with good industrial hygiene and safety practice

Environmental exposure controls :

No information available.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Physical State	Liquid
Odor	Slight
pH	7
Melting Point/Range	No data available
Boiling Point/Range	242 °C (1,013 hPa)
Flash Point	135 °C Method: Pensky-Martens closed cup
Evaporation Rate	< 0.005 (butyl acetate = 1)
Flammability (solid, gas)	Not applicable
Lower explosion limit	4.7 % vol <i>Setaflash Closed Cup ASTM D3828</i>
Upper explosion limit	21 % vol <i>Setaflash Closed Cup ASTM D3828</i>
Auto-Ignition Temperature	430°C
Vapor Pressure	0.030659 hPa (20 °C)
Density	1.2 g/cm ³ (25 °C)
Bulk Density	No data available
Surface Tension	68.8 mN/m 1,000mg/l at 68 °F (20 °C)
Water Solubility	200 g/l (25 °C)
Viscosity	1.6 mm ² /s (43.33 °C)
Explosive Properties Oxidizing Properties	No data available

9.2. Other information

Molecular Formula	Not Available
Molecular Weight	102.09 g/mol

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity: No data available

10.2 Chemical stability: Stable under recommended storage conditions. See Storage, Section 7.

10.3 Possibility of hazardous reactions: Polymerization will not occur.

10.4 Conditions to avoid: Heat

10.5 Incompatible materials: Avoid contact with: Strong acids. Strong bases. Strong oxidizers.

10.6 Hazardous decomposition products: Carbon monoxide, Carbon dioxide (CO₂), Aldehydes, Ketones, Acids

SECTION 11: TOXICOLOGICAL INFORMATION

Skin corrosion/irritation Product:

Remarks: May cause skin irritation in susceptible persons.

Serious eye damage/eye irritation Product:

Remarks: May cause irreversible eye damage.

Components:

108-32-7:

Species: Rabbit

Result: Irritating to eyes.

Carcinogenicity

IARC	No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
OSHA	No component of this product present at levels greater than or equal to 0.1% is on OSHA's list of regulated carcinogens.
NTP	No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

SECTION 12: ECOLOGICAL INFORMATION

12.1. EcoToxicity	No data available for this product.
12.2. Persistence and degradability	Readily biodegradable.
12.3. Bioaccumulative potential	This material is not expected to bioaccumulate
12.4. Mobility in soil	No data available for this product.
12.5. Results of PBT and vPvB assessment	No data available for this product.

12.6. Other adverse effects

Endocrine Disruptor Information	This product does not contain any known or suspected endocrine disruptors
Persistent Organic Pollutant	This product does not contain any known or suspected substance
Ozone Depletion Potential	This product does not contain any known or suspected substance

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Do not dump into any sewers, on the ground, or into any body of water. Federal, state and local disposal laws and regulations will determine the proper waste disposal/recycling/reclamation/treatment procedure. Disposal requirements are dependent on the hazard classification and will vary by location and the type of disposal selected. All waste materials should be reviewed to determine the applicable hazards (testing may be necessary).

SECTION 14: TRANSPORT INFORMATION

	TDG/DOT Classification	IMDG	IATA
UN Number	Not Regulated	Not regulated	Not regulated
UN Proper Shipping Name		-	-
Transport Hazard Class		-	-
Packing Group		-	-
Environmental Hazards			
Additional Information	-	-	-

SECTION 15: REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

US FEDERAL REGULATIONS:

TSCA: All components listed TSCA (Toxic Substances Control Act)

SARA 301 Extremely Hazardous Substance: No

SARA 311 & 312: Serious eye damage or eye irritation

SARA SECTION 313 NOTIFICATION:

This product does not contain any components above 'de minimus' level for Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

CAA 602 OZONE DEPLETING SUBSTANCES (ODS):

This product neither contains nor is manufactured with an ozone depleting substance subject to the labeling requirements of the Clean Air Act Amendments 1990 and 40 CFR Part 82.

US STATE REGULATIONS:

This material is not known to contain a chemical substance known to the State of California to cause cancer, reproductive, or developmental toxicity under California Proposition 65. However, we have not tested for the presence of listed chemical substances.

Pennsylvania Worker and Community Right-To-Know Act:

The following chemicals are listed because of the additional requirements of Pennsylvania law:

Propylene Carbonate

108-37-2

CANADIAN REGULATIONS: N/A

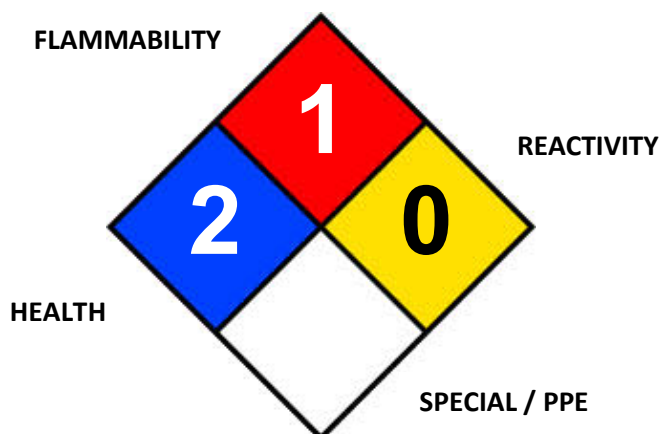
DSL/NDL: N/A

WHMIS CLASSIFICATION: N/A

15.2. Chemical safety assessment

A Chemical Safety Assessment/Report (CSA/CSR) has not been completed.

SECTION 16: OTHER INFORMATION

HMIS Rating:**Training Advice**

Chemical hazard awareness training, incorporating labelling, Safety Data Sheets (SDS), Personal Protective Equipment (PPE) and hygiene.

Use of personal protective equipment, covering appropriate selection, compatibility, breakthrough thresholds, care, maintenance, fit and standards.

First aid for chemical exposure, including the use of eye wash and safety showers.

The information in this Safety Data Sheet should be provided to all who use, handle, transport, or otherwise are exposed to this product. This information has been prepared for the guidance of plant engineering, operations, management and persons working with or handling this product. The information presented in this SDS is premised upon proper handling and anticipated uses, and is for the material without chemical additions/alterations. Additionally, if this Safety Data Sheet is more than three years old, please contact this supplier at the phone number above Section 1 to make sure this sheet is current.

Disclaimer

Before using a product sold by John R. Hess & Company, Inc., users should make their own independent determination that the product is suitable for the intended use and can be used safely and legally. SELLER MAKES NO WARRANTY;

EXPRESS OR IMPLIED (INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR ANY WARRANTY) OTHER THAN AS SEPARATELY AGREED TO BY THE PARTIES IN A CONTRACT.

DATE PREPARED: 3/24/2026

SUPERCEDES:

REVISED SECTIONS: ALL

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