



Sta-Clean RCP

Safety Data Sheet

According to OSHA HCA 2012 (29 CFR 1910.1200)

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product Identifier

Product form Mixture
Product name Sta-Clean RCP

1.2 Relevant Identified Uses of the substance or mixture and uses advised against

Use of the substance/mixture Rust / Corrosion Protectant, Lubricant

1.3 Details of the supplier of the safety data sheet

Sta Clean Products
2229 Coy Ave.
Bakersfield, CA 93307 - USA
T 800 825-3464
www.stacleanantifreeze.com

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classified Hazards

OSHA Hazard Communication Standard 29CFR 1910.1200 (concentrate can cause irritation)

	<u>NFPA 704</u>	<u>NPCA-HMIS</u>	<u>KEY</u>
HEALTH:	1	1	0=Minimal
FIRE:	1	1	1=Slight
REACTIVITY:	0	0	2=moderate
SPECIFIC HAZARD:	NONE	N/A	3=Serious
PROTECTION INDEX:	N/A	B	4=Severe

Precautionary Labels: NONE REQUIRED

WARNING: Light to dark red color Mild hydrocarbon odor Can burn in a fire

INHALATION: Will not produce vapors unless heated to temperatures of ~300 degrees F

EYE CONTACT: The product is severely irritating in the eye with a potential to cause damage if treatment is not prompt. In contact with the skin, the product may cause irritation which could become more intense if not promptly removed or if contact is frequent or prolonged. For further information, refer to section 11

Environmental The product contains mineral oil which will not readily biodegrade in anaerobic conditions and therefore can be environmentally persistent.

Special Hazards After Use None envisaged

SECTION 3: Composition/information on ingredients

Contains emulsifiers and corrosion inhibitors, highly refined mineral oils, with coupling agents and additional performance additives

3.1	Hazardous Components:	Wt %	
	Sodium petroleum sulphonates	3-4	Strong eye irritant
	Tall oil acids, potassium salts	1-2	Eye irritant
	2.2 - oxydiethanol	> 1	Exposure limit - see S8
	2-methylpentane -2,4-diol	> 1	Irritant
	Potassium alkyl benzene sulphonates	> 1	Irritant
	Highly refined mineral oil	70-80	Exposure limit - see S8

Note: the above components may not necessarily constitute the complete composition of the product.

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SECTION 4: First aid measures

4.1 Description of first aid measures

First-aid measures after inhalation:	If breathing is difficult remove victim to fresh air and keep at rest in a position comfortable for breathing. If symptoms persist, seek medical attention.
First-aid measures after skin contact:	Although emergency first aid treatment is not usually required, the product should be washed thoroughly from the skin with soap and water without delay. Remove contaminated clothing. Wash/laundry contaminated clothing before re-use. If irritation persists, obtain medical advice.
First-aid measures after eye contact:	IF IN EYES: Immediately wash eye thoroughly with clean water, ensuring eyelids are held open. It is advisable to obtain medical advice before removing contact lenses. Obtain medical attention without delay.
First-aid measures after ingestion:	Do not induce vomiting. Wash out mouth with water and obtain medical attention. Milk or water to drink may be beneficial (do not give anything to drink to an unconscious person). Treat symptomatically. If the product is aspirated into the lungs (e.g. during vomiting), send to hospital immediately. Show a copy of this data sheet to the doctor.

SECTION 5: Firefighting measures

Flash Point: °C (Method)	See Section 9
Ignition Temp. °C	Not determined
Flammability Limit (%)	Not determined

RECOMMENDED FIRE EXTINGUISHING AGENTS AND SPECIAL PROCEDURES

According to NFPA Guide; use water spray, dry chemical, foam or carbon dioxide. Water or foam may cause frothing.

Use water to cool fire exposed containers. If a leak or spill has not ignited, use water spray to disperse the vapors and to provide protection for persons attempting to stop the leak.

UNUSUAL OR EXPLOSIVE HAZARDS: None

SECTION 6: Accidental release measures

Notify the appropriate authorities immediately.
Contain spill. If possible.
Avoid breathing vapor. No additional information available
Use self-contained breathing apparatus or supplied air for large spills or in confined areas.
Wipe up or use suitable absorbent material. No additional information available
Prevent entry into sewers or waterways.
Avoid contact with skin, eyes or clothing.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Minimum feasible handling temperatures should be maintained.
Periods of exposure to high temperature should be minimized.
Water contaminations should be avoided.

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SECTION 8 Exposure controls/personal protection

PROTECTIVE EQUIPMENT

EYE/FACE PROTECTION: Chemical-type goggles or face shield recommended to prevent eye exposure.

SKIN PROTECTION: Workers should wash exposed skin several times daily with soap and water. Soiled clothing should be laundered or dry-cleaned at least weekly.

RESPIRATORY PROTECTION: Airborne concentrations should be kept to lowest levels. If vapor is generated, use respirator approved by OSHA or NIOSH as appropriate. Supplied air respiratory protections should be used for cleaning large spills or upon entry into tanks, vessels, or other confined spaces. See Exposure Limit below.

VENTILATION: Must be adequate to meet exposure limits below.

EXPOSURE LIMIT (TOTAL LPRODUCT) 5 mg/m³ for mineral oil mist over an 8 hour daily exposure (ACGIH).

SECTION 9 Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state	Liquid
Color	Red
Odor	Mild Detergent Odor
Odor threshold	No data available
Relative evaporation rate (ether=1)	slight < 1
Freezing point	No data available
Boiling Point	327 °C (620 °F)
Flash point	163 °C (325 °F) Method used: TCC
Specific Gravity	0.9076
Auto-Ignition temperature	No data available
Decomposition temperature	No data available
Flammability (solid, gas)	No data available
Vapor density at 24°C	< 7 x 10 ⁻³
Relative vapor density at 20°C	> 10.0
Solubility	Water: forms emulsion
Log Pow	No data available
Log Kow	No data available
Viscosity, kinematic	No data available
Viscosity, dynamic	No data available
Explosive properties	No data available
Oxidizing properties	No data available
Explosive limits	No data available

9.2 Other Information

No additional information available

SECTION 10 Stability and reactivity

This material reacts with strong oxidizers.

Evolves toxic levels of carbon monoxide, carbon dioxide, irritating aldehydes and ketones when heated to combustion.

Hazardous polymerization does not occur.

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SECTION 11 Toxicological information

TOXOLOGICAL INFORMATION on toxicological effects

Median Lethal Dose	(LD50 LC50) (Species)
Oral:	Believed to be > 5g/kg (rat); practically non-toxic
Inhalation	Not determined
Dermal:	Believed to be > 3 g/kg (rat); practically non-toxic
Irritation Index:	Estimation of Irritation (Species).
Skin:	Believed to be > 0.5/8.0 (rabbit); no appreciable effect
Eyes:	Believed to be > 15/110 (rabbit); no appreciable effect
Sensitization:	Not available
Other:	None

SECTION 12 Ecological information

Toxicity If applied to leaves, this product may kill grasses and small plants by interfering with transpiration and respiration. This product is not toxic to fish but may coat gill structures resulting in suffocation if spilled in shallow, running water. Product may be moderately toxic to amphibians by preventing dermal respiration. This product may cause gastrointestinal distress in birds and mammals through ingestion.

This product is rapidly biodegradable. Biodegradation is possible with 100 to 120 days in aerobic environments at temperatures above 70 F (21C).

A film or sheen will cause discoloration of the water surface or adjoining shoreline.

SECTION 13 Disposal considerations

This product has been evaluated for RCRA characteristics and does not meet the criteria of a hazardous waste if discarded in its purchased form. Under RCRA it is the responsibility of the user of the product to determine at the time of disposal, whether the product meets RCRA criteria for hazardous waste. This product is subject in service to chemical alteration, which may render resulting material hazardous.

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SECTION 14 Transport information

	Bulk Shipping	Non-Bulk Shipping	Identification No.	Hazard Class
US DOT	Not required	Not required	Not required	Not required
Canadian TDG	Not required	Not required	Not required	Not required
European	Not required	Not required	Not required	Not required

ADR, IMDG, IATA-DGR Not classified as hazardous goods for land, sea and air transport.

Other See 49 CFR for additional requirements for descriptions, allowed modes of transport, and packaging. For more information concerning spills during transport, consult latest DOT Emergency Response Guidebook for Hazardous Materials Incidents, DOT P 5800.3.

SECTION 15 Regulatory information

North America Regulatory Information

OSHA:	29 CFR 1910.1200 Hazardous Material (concentrate can cause irritation).		
SARA TITLE III	Section 302/304: Extremely Hazardous Substance	None	
	Section 313: Toxic Chemicals	None	
CERCLA:	Section 102(a) Hazardous Substance - Not reportable	Not reportable quantity	
CALIFORNIA PROPOSITION #65	Not listed		
ANSI SIGNAL WORD Label Information	WARNING Risk of damage to eyes.		

Avoid contact with eyes. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

SECTION 16 Other information

Sta Clean Products makes no warranty representation or guarantee as to the accuracy, sufficiency or completeness of the material set forth herein. It is the users responsibility to determine the safety, toxicity and suitability of his own use, handling and disposal of this product. Since actual use by others is beyond our control, no warranty expressed or implied is made by Sta Clean Products as to the effects of such use, the results to be obtained or the safety and toxicity of this product nor does Sta Clean Products assume liability arising out of the use by others of this product referred to herein. The data in this SDS relates only to the specific material designated herein and does not relate to use in combination with any other material or in any process.

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For additional information contact SDS Coordinator Sta Clean Products during business hours. PST