

Material Safety Data Sheet

RP581L

MSDS No.

Date of Preparation:

Revision:

SECTION 1 - CHEMICAL PRODUCT AND COMPANY INFORMATION

Product/Chemical Name: RP581L

Chemical Formula: proprietary

CAS Number:

Other Designations:

General Use:

Manufacturer: ICS Corporation of America, 4675 Talon Court, Kentwood, MI 49512

Phone: (616) 554-9300; Fax: (616) 554-2111; Emergency # (616) 774-1088

SECTION 2 - COMPOSITION INFORMATION ON INGREDIENTS

Ingredient Name	CAS Number	% wt or % vol
Petroleum Hydrocarbon	8008-20-6	85-95%
Amine ester complex	unknown	2-6%
Neutralized complex organic acid	Unknown	2-4%

Ingredient	OSHA PEL		OSHA PEL		OSHA PEL		NIOSH IDLH
	TWA	STEL	TWA	STEL	TWA	STEL	

Toxicity Data:

SECTION 3 - PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Liquid

Water Solubility: Dispersion

Appearance and Odor: Light Amber Solvent

Other Solubilities:

Kerosene odor.

Boiling Point: 310-390 degrees F

Freezing/Melting Point:

Refractive Index:

Formula Weight:

Surface Tension:

Density:

% Volatile: 90-95

Specific Gravity (H₂O=1, at 4°C): .80

Evaporation Rate: .12

pH: NA

SECTION 4 - FIRE FIGHTING MEASURES

Flash Point: 104 degrees F

Flash Point Method: closed cup

Burning Rate:

Auto ignition Temperature:

RP581L

LEL: 0.7

UEL: 6.0

Flammability Classification:

Extinguishing Media: Carbon dioxide, Dry chemical, water fog

Unusual Fire or Explosion Hazards: superheated drums may explode

Special Fire Fighting Procedures: Water in full stream may spread fire. Keep drums cool with water fog.

SECTION 4—STABILITY AND REACTIVITY

Stability: stable

Polymerization:

Chemical Incompatibilities: oxidizing materials, heat and sparks,

Conditions to Avoid: excess high temperatures.

Hazardous Decomposition Products: CO and Co₂ gases.

SECTION 5—HEALTH HAZARD INFORMATION

Inhalation: Primary route of entry. NIOSH approved for handling petroleum distillates.

Effects of overexposure: dries out skin.

Threshold limit Value: 200 u.k.

Ventilation: local exhaust and mechanical keep below TLV

Eye: Wear Chemical Goggles

Skin: Where protective rubber gloves.

Other equipment: Rubber boots, Apron, eye wash, shower

EMERGENCY AND FIRST AID PROCEDURES

Emergency First Aid: Remove person from high concentrations of vapor. For skin, wash with water and soap. Wash eyes with water. Get medical attention.

SECTION 6—SPILL, LEAK, AND DISPOSAL PROCEDURES

Spill/Leak Procedures: Small spills: Soak up with absorbent and properly dispose. Large spills: Dike the area, collect into holding tank and dispose meeting all local, state, and federal regulations.

Waste Disposal Method: Incineration by approved regulatory methods

Volatile Organic Compound: 95%

Handling and Storage: Keep away from heat, sparks, open flames away from oxidizing materials

SECTION 7—EXPOSURE CONTROLS/PERSONAL PROTECTION

Other precautions: Use non sparking handling equipment—wash contaminated clothing. Keep drums closed after use.

SECTION 8—SPECIAL PRECAUTIONS AND COMMENTS