

Material Safety Data Sheet

Section 1 – Product and Company Identification

Hazardous Material Identification System	Health =1 Flammability =1 Reactivity =0 Personal Protection =0
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Product Description: PROTECTSOL 427

Sold By:

American Research Products
2325 Palos Verdes Drive West #208
Palos Verdes Estates, CA 90274
310-541-1512
www.americanresearchproducts.com

Telephone Numbers:

ChemTrec 24 hours 800-424-9300

Section 2 - Composition, Information on Ingredients

Ingredient	C.A.S. Number	Percent	T.L.V.	P.E.I.
Petroleum Hydrocarbons	64742-65-0	80% or greater		
Proprietary Additive	Mixture	10-20%		
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(A Proprietary Product – An oxygenated hydrocarbon in which a portion of the free organic acid produced by oxidation is neutralized with an alkaline Earth element.)

Section 3 - Hazards Identification

HMIS Rating – Health	Fire	Reactivity	Personal Protector
1	1	0	0

Potential Health Effects

Routes of Entry: Eyes, Inhalation, Skin, Ingestion

Inhalation: Causes respiratory tract irritation

Eye Contact: Can cause severe eye irritation

Skin Contact: Can cause chemical burn

Ingestion: Harmful if swallowed

Chronic Effects: Prolonged contact will defatten skin

Section 4 - First Aid Measures

Inhalation: Remove to fresh air. If not breathing, give CPR. If breathing is difficult, give oxygen. Get immediate medical attention.

Eye Contact: Immediately flush eyes with plenty of water. Get medical attention if irritation persists.

Skin Contact: Immediately flush with large amounts of water. Use soap if available. Remove contaminated clothing, including shoes, after flushing has begun. Get prompt medical attention.

Ingestion: Take Milk of Magnesia

Section 5 - Fire Fighting Measures

Flashpoint and Method: >300 deg. F, COC

Flammable Limits: N/A

Autoignition Temperature:Combustible

General Hazard:Vapors from this product. May travel a long distance by air currents and ignited by heat, flames and other ignition sources. Never use welding or cutting torch on or near drum (even empty). May cause explosion.

Fire Fighting Instructions and Equipment:Treat the same as oil fire. Use dry chemical carbon dioxide.

Section 6 - Accidental Release Measures

Large or Small Spills:Do not turn on any ignition source until area is free from explosion or fire hazards. Collect large spills for disposal. Flush small spills with water.

Section 7 - Handling and Storage

Storage Temperature:Store in a cool, dry area away from acids.

General Precautions:Keep container closed when not in use. Avoid storing in direct sunlight. Do not store near open flame.

Section 8 - Exposure Controls, Personal Protection

Personal Protection:

Respirator:Hydrocarbon type respirator is used in an enclosed area.

Gloves:Rubber solvent resisant Neoprene.

Safety Glasses:Chemical goggles

Other Protective Clothing: Rubber solvent resisant apron test before using Neoprene

Section 9 - Physical and Chemical Properties

Vapor Pressure:<.01 mm Hg@20 deg. C

Vapor Density (Air=1):>5

Specific Gravity:0.84

Solubility in Water:Not soluble

Volatile Organic Content: VOC = 8.7 gms/liter ASTM 1868-10

Evaporation Rate (N-Butyl ACETATE=1):Ethyl/Ether=<1

Boiling Point: >375F

Appearance:Light Brown color, clear liquid

Odor:Light oil

Section 10 - Stability and Reactivity

Materials to Avoid:None

Conditions to Avoid:Open flames, heat, spark, any ignition source. Keep container closed. Burning may produce carbon dioxide, carbon monoxide.

Section 13 - Disposal Considerations

Disposal Instructions:

If material cannot be used for its intended purpose, it is recommended that you contact a chemical waste disposal company. Since laws vary from region to region, contact your Local, State, and Federal authorities for regulations governing the disposal of chemical waste.

Section 14 - Transport Information

D.O.T. - Department of Transportation:

Proper Shipping Name: U.S DOT HAZARDOUS MATERIALS SHIPPING INFORMATION: "Not Regulated"

Labels:PROTECTSOL 427

Precautions:

None