

H1BAK1725 Z-4 Super Clean Sol-R-66 (SCS)

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MATERIAL SAFETY DATA SHEET

Effective Date: 8-12-96

Revision Date: none

Z-4 Super Clean Sol-R-66 (SCS)

Code: NPI

Page: 1

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Section 1 - Product and Company Identification

PRODUCT NAME: Z-4 Super Clean Sol-R-66 (SCS)

MANUFACTURER'S NAME:

National-Purity, Inc.
434 Lakeside Ave. North
Minneapolis, MN 55405-0022

EMERGENCY TELEPHONE NUMBER
(800)228-5635

MISCELLANEOUS INFORMATION
(612)672-0022

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Section 2 - Hazardous Ingredients

Ingredient	% Range	PEL/TLV	Hazard
Aliphatic Petroleum Distillates (CAS# 64742-88-7)	100%	Stoddard Solvent TWA-100 ppm	Combustible Acute Health/ Chronic Health

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Section 3 - Hazards Identification

Inhalation: Acute: headache, nasal and respiratory irritation, nausea, drowsiness, breathlessness, fatigue, central nervous system depression, convulsions and loss of consciousness.

Skin: Acute: irritation, Chronic-Dermatitis.

Eyes: Acute: Irritation.

Ingestion: Acute: aspiration hazard, headache, nausea, drowsiness, fatigue, pneumonitis. pulmonary edema, central nervous system depression, convulsions and loss of consciousness.

Medical conditions generally aggravated by exposure: N/AV

Listed as a potential calcinogen or carcinogen: Not Listed

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Z-4 Super Clean Sol-R-66 (SCS)

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Page: 2

=====

Section 4 - First Aid Measures

Inhalation: Move exposed person to fresh air. If breathing has stopped, perform artificial respiration. Get medical attention as soon as possible.

Skin: If clothing is soaked, immediately remove clothing and wash skin with soap and water. Launder clothing before wearing. Get medical attention promptly.

Eyes: Immediately flush eyes with water for a minimum of 15 minutes. occasionally lifting the lower and upper lids. Get medical attention promptly.

Ingestion: Call physician immediately, ONLY induce vomiting at the instruction of a physician. Never give anything by mouth to an unconscious person.

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Section 5 - Firefighting Measures

Flashpoint and Method: 146 deg. F Tag closed cap
Autoignition temperature 475 deg (estimated)
Flammable limits % volume in air: Lower: 8 Upper: 7

Extinguishing media: Carbon dioxide, dry chemical or foam. Water stream may spread fire, use water spray only to cool containers exposed to fire. If leak or spill has not ignited, use water spray to disperse the vapors.

Hazardous decomposition products: Incomplete combustion can yield carbon monoxide and various hydrocarbons.

Fire explosion hazards: Can form combustible mixtures with air when heated.

Hazardous polymerization: Will not occur.

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Section 6 - Environmental Release Measures

Spills: Notify emergency response. Evacuate area and remove ignition sources. Build dike to contain flow. Remove free liquid, do not flush to sewer or open water. Pickup with inert absorbent and place in closed container for disposal.

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Section 7 - Handling and Storage

Storage: Can form combustible mixtures with air when heated.

Stability: Stable.

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Z-4 Super Clean Sol-R-66 (SCS)

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Page: 3

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Section 8 - Exposure Controls/Personal Protection

Respiratory protection: Up to 1000 ppm: half-mask organic vapor respirator.
Up to 5000 ppm: full-face organic vapor respirator or full-face supplied air respirator. Greater than 5000 ppm, fire-fighting, or unknown concentration, self-contained breathing apparatus with positive air pressure.

Eyes: Safety glasses, chemical goggles or face shield as appropriate.

Skin: Gloves: Nitrous, neoprene or other material resistant to naphtha.

Ventilation: Maintain local or dilution ventilation to keep air concentration below 100 ppm. Loading, unloading, tank gauging, etc., remain upwind. Request assistance to safety and industrial hygiene personnel to determine air concentrations.

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Section 9 - Physical and Chemical Properties

Boiling Point:	350 - 415 F	Melting Point:	R.V.P. 0.1# @100 F
Specific Gravity:	0.78	Appearance:	Clear liquid
% Volatile by volume:	100	Odor:	Petroleum Naphtha
Avg. Molecular Wt.:	170	Drop Point:	N/A
Est. Vapor Density(air=1):	9	Viscosity:	1/3 CST @ 100 F
Solubility (G/100g Water at 20 C):	Negligible		
Evaporation (Ethyl Ether = 1):	Estimated 8 times slower		

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Section 10 - Stability and Reactivity

Stable

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Section 11 - Toxicological Information

Listed as a potential calcinogen or carcinogen: Not Listed

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Section 12 - Ecological Information

No information.

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Section 13 - Disposal Considerations

Waste Disposal: Utilize licensed waste disposal company. Consider recycling or incineration. Utilize permitted hazardous waste disposal site or industrial waste disposal site as appropriate.

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Section 14 - Transport Information

DOT Hazardous class: Not regulated

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Page: 4

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Section 15 - Regulatory Information

No information.

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Section 16 - Other Information

The information accumulated herein is beleived to be accurate but is not warranted to be whether originating with manufacturer or not. Recipients are advised to confirm in advance of need the t the information is current, applicable, and suitable to their circumstances.

Reviewed by: Steve Lemmer

Date: 8/12/96