Material Safety Data Sheet

Arcosolv PNP (RXSOL-60-6261-100)

1. Product and Company Identifaction

Product Name	Arcosolv PNP
Product Type	RXSOL-60-6261-100

Company Details:

RX MARINE INTERNATIONAL
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VASHI ,NEW BOMBAY 400703 INDIA

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2. Composition / informationon ingredients

SARA 313 Component	CAS Number	Percent Comp.	Dimension	Exposure Limits
ARCOSOLV® PNP	CAS#1569-	100%	V/V	OSHA TWA1000 ppm(2400 mg/mf)

3. Hazards Identification

Keep away from heat and ignition sources. Harmful if swallowed. Avoid breathing vapors. Use with adequate ventilation. Avoid contact with eyes, skin, and clothes. Wash thoroughly after handling. Keep container

Emergency Overview: Danger. Causes Respiratory, Skin And Eye Irritation. Combustible Liquid And Vapor. Harmful If Swallowed.

Inhalation: Overexposure may Cause Coughing, Shortness of Breath Dizziness, Intoxication and Collapse.

Ingestion: May Cause Moderate Irritation of the Mouth, Throat, Esophagus and Stomach, with Abdominal and Chest Discomfort.

Skin: Exposure to this Material can Result in Absorption Through Skin Causing a Significant Health Hazard.

Eye Contact: Liquid Vapor, and Mist May Cause Discomfort in the Eye with Persistent Conjunctivitis, Seen as Slight Excess Redness of Conjunctiva. Serious Corneal Injury in Not Anticipated.

Chronic Exposure: Repeated or Prolonged Skin Contact may Cause Progressive Dermatitis and may Aggravate Pre-Existing Dermatitis. Repeated or Prolonged Exposure to Vapors mayAggravate Asthma and Other Respiratory Conditions. Overexposure may Cause In coordination of Movements, Speech Difficulties, Headache, Loss of Consciousness and Possible Liver and Kidney Damage.

Aggravated by Exposure: This Material or its Emissions may Affect the Central Nervous System (CNS) and/or Aggravate Pre-Existing CNS Disorders. Prolonged Observation may be Indicated

4. First Aid Measures

Keep away from heat and ignition sources. Harmful if swallowed. Avoid breathing vapors. Use with adequate ventilation. Avoid contact with eyes, skin, and clothes. Wash thoroughly after handling. Keep container closed.

SKIN:	Remove contaminated clothing. Wash exposed area with soap and water. if irritation persists, seek medical attention.

EYES:	Wash eyes with plenty of water for at least 15 minutes, lifting lids occasionally.Seek Medical Aid.
INHALATION:	Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen
INGESTION:	Give several glasses of milk or water. Vomiting may occur spontaneously, but DO NOT INDUCE! Never give anything by mouth to an unconscious person

5. Fire-fighting Measures

Fire Extinguisher Type:	Carbon Dioxide, dry chemical powder or appropriate foam
Fire / Explosion Hazards:	Vapors can form explosive mixtures at temperatures at or above the flashpoint
Fire Fighting Procedure:	Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and clothing.

6. Accidental Release Measures

Eliminate Ignition Sources. Absorb with inert material.Place in container. Vent area and wash site.
Ventilate area or Leak or Spill. Remove all Sources of Ignition. Wear Appropriate Personal
Protective Equipment as Specified in Section 8. Isolate Hazard Area. Keep Unnecessary and
Unprotected Personnel from Entering. Contain and Recover Liquid when Possible. Use Non-Sparking Tools and Equipment.

7. Handling and Storage

Keep away from heat and flame. Do not get in eyes,on skin, on clothing. Use with adequate ventilation

8. Exposure controls and personal protection

Respiratory Protection	NIOSH/MSHA-approved respirator
Ventilation	Local
OTHER	Mechanical
Protective Gloves	Wear appropriate gloves to prevent skin exposure
EYE PROTECTION	Goggles and Face Shield
Other Protective Equipment	Wear appropriate clothing to prevent skin exposure

9. Physical and chemical properties

BOILING POINT	150°C (302 F)
VAPOR PRESSURE	1.7 mm Hg @20° C
MELTING POINT	-70°C (-94F)
VAPOR DENSITY	4 (air = 1)
EVAPORATION RATE	0.22
Appearance /Odors	Clearcolorless liquid / mild
Flash Point	-48°C (118F)
Specific Gravity	0.89

Percent Volatile by Evaporation Standard	>99 Butylacetate =1
Auto Ignition Temp	Not applicable
Lower Flamm. Limit in Air	1.3
Upper Flamm. Limit in Air	16.9
Solubility in Water	Soluble

10. Stability and reactivity

STABILITY	Stable
CONDITIONS TO AVOID	Extended contact with air or oxygen
MATERIALS TO AVOID	Nitric Acid, Acetic Acid, Sulfuric Acid.
HAZARDOUS DECOMPOSITION PRODUCTS	Oxides of carbon and other toxic gases
HAZARDOUS POLYMERIZATION	will not occur
Conditions to Avoid	None known

11. Toxicological information

Carcinogenic References: NTP Carcinogen - Known: No, IARC Category- None

12. Ecological information

Environmental Fate: When Released to the Soil and Water, this Material may Evaporate to Moderate Extent. When Released into the Soil, This Material may Leach into Groundwater. When Released into the Water, This Material is Expected to have a Half Life Between 1 and 10 Days.

13. Disposal considerations

Collect Liquid in an Appropriate Container or Absorb with an Inert Material (e.g., Vermiculite,Dry Sand, Earth), and Place in a Chemical Waste Container. Do Not Use Combustible Materials,such as Saw Dust. Do Not Flush to Sewer! US Regulations (CERCLA) Require Reporting Spills and Releases to Soil, Water and Air.

14. Transport information

DOT Classification: UN1993, Flammable Liquids, n.o.s.(Propylene Glycol n-Propyl Ether), 3, PG

DOT Regulations may change from time to time. Please consult the most recent D.O.T. regulations.

15. Regulatory information

Components listed on the TSCA inventory.

16. Other information

Warning. Flammable. May cause severe eye irritation andmoderate skin irritation. May be a slight health hazard if ingested

Flammability

Health

Reactivity

Revisions	NFPA
7/30/2010	0.1 updated msds to 16 section from 10 section msds. STN
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