MATERIAL SAFETY DATA SHEET

NONLY PHENOL 10 MOLES

1. IDENTIFICATION

Product Name : NONLY PHENOL 10 MOLES

Manufacturer Name : COSMO CHEMISTRY INDIA.

Manufacturer Address :
COSMO CHEMISTRY

Office No. 713, Millennium Business Hub,

Sarthana Jakatnaka, Varachha Main Road,

Surat, Gujarat, India – 395006

Phone : +91 979797 7958
e-mail : info@cosmochemistry.com

2. HAZARDOUS IDENTIFICATION

2.1 Classification of the substance for the mixtures according to REGULATION (EC) No 1272/2008

GHS-US Classification

Physical hazards : Not classified

Health hazards : Skin corrosion/irritation 2
: Serious eye damage/eye irritation 1

Environmental hazards : Hazardous to the aquatic environment long term hazard 4

2.2 Label elements

GHS-US Labeling

Hazard pictograms

Signal Word : Danger

Hazard statement

H315 Causes skin irritation

H318 Causes serious eye damage

H413 May cause long-lasting harmful effects to aquatic life

Precautionary Statements

Prevention

P210 Do not spray on an open flame or other ignition source

P243 Take precautionary measures against static discharge

P280 Wear protective gloves/protective clothing/eye protection/face protection

---

Response

P303+P361+P353

IF ON SKIN (on hair): remove/take off immediately all contaminated clothing, rinse skin with water/shower

P304+P340

IF INHALED: remove victim to fresh air and keep at rest in a position comfortable for breathing.

P305+P351+P338

IF IN EYES: rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P312

Call a POISON CENTER or doctor/physician if you feel unwell

P337+P311

If eye irritation persists

Storage

Store in a well–ventilated place, store away from incompatible materials

---

Disposal

P501 Dispose of contents/container in accordance with local/regional/international regulations.

Hazards (s) not otherwise classified : None Known

---

3. COMPOSITION / INFORMATION ON INGREDIENTS

CHEMICAL INGREDIENTS	CAS NO.	% WT
Alkyl Phenol Polyethanoxy Ether	9016-45-9	99 % min

---

4. FIRST AID MEASURES

Skin contact

Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.

Eye contact

Rinse immediately with plenty of water, also under the eyelids, for at least 15 min. Remove contact lenses, if present. Continue rinsing. Consult with an ophthalmologist immediately in all cases.

Inhalation

Remove the casualty into fresh air and keep at rest in a position comfortable for breathing. If breathing is difficult, give oxygen. If breathing stops, give artificial respiration.

Ingestion

Rinse mouth with water. Do not induce vomiting, immediately call a poison center or doctor/physician.

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media

Foam. Dry powder. Carbon dioxide, Water Spray, sand.

Unsuitable Extinguishing Media

Do not use a heavy water stream.

Special hazard arising from the substance or Mixture

Fire Hazard

Combustible liquid

Explosion hazard

May form flammable/explosive vapor-air mixture.

Special protective Equipment's for fire fighters

Do not enter fire area without proper protective equipment, including respiratory protection.

Advice for firefighters, Fire Fighting instructions

Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipments and emergency procedure

Evacuate unnecessary personnel.

Environmental Precautions

Avoid release to the environment. Avoid discharge into drains. Contact local authorities in case of spillage.

Methods and material for containment and cleaning up

Eliminate all ignition source. Take precautionary measures against static discharge.

Large Spills:

Stop the flow of the material, if this is without risk. Use a non-combustible material like sand or earth to soak up the product and place into container for later disposal.

Small spills:

Wipe up with absorbent material (eg. Cloth, fleece). Clean surface thoroughly to remove residual contamination.

7. HANDLING AND STORAGE

Precautions for Safe Handling

General Advice

Handle empty containers with care because residual vapors are flammable.

Keep away from heat, sparks, open flames, hot surfaces.

No smoking.

Protection against fire and explosion

Vapors may form ignitable mixture with air. Avoid all sources of ignition: heat, sparks, open flame. Avoid extreme heat.

Conditions for Safe Storage

General Advice

Proper grounding procedures to avoid static electricity should be followed.

All efforts should be made to prevent any leaks or spills.

Storage tanks should be engineered to prevent contact with water resources, as this material could contaminate the water resources.

Surface spills can reach groundwater through porous soil or cracked surfaces.

The storage tanks should be monitored regularly for leaks.

Where spills or leaks are possible, a comprehensive response plan should be developed and implemented.

Storage conditions

Keep only in the original container in a cool, well ventilated place away from:

- Direct sunlight
- Flames
- Heat sources
- Sparks

Keep in fireproof place.

---

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering control standards

Dry, well ventilated isolated area uses of flameproof fittings. Material handling in closed system. Use local exhaust ventilation.

Personal Protective Equipments

Respiratory Protection

An approved organic vapor respirator/supplied air or self-contained breathing apparatus must be used when vapor concentration exceeds applicable exposure limits.

Hand Protection

Wear appropriate chemical resistant gloves

Eye Protection

Wear safety glasses with Face Shield / goggles

Body protection

Wear fire/flame resistant/retardant clothing.

General Safety and Hygiene measures

Handle in accordance with good industrial hygiene and safety practice. Wear protective clothing necessary to minimize contact. Keep away from food, drink etc. Take off immediately all contaminated clothing.

9. PHYSICAL & CHEMICAL PROPERTIES

9.1 Information on basic Physical and Chemical Properties

Form : Liquid

Colour : Colourless

Odour : Characteristic

pH : 5.5 – 7.5 (5% in water)

Melting Point/ Freezing Point : -

Boiling Point : >200 deg C – Decomposes on heating

Flash point deg. C : >200 deg C – closed cup

Vapour pressure : <0.1 mmHg at 20 deg C

Vapour Density : Not available

Density : Approx. 1.060 @ 20 deg C

Relative Density : Not determined

Solubility : Soluble in water

Auto ignition temp. : Not available

Decomposition temp. : Not available

Viscosity : Not available

Pour Point : Not available

HLB : Approx. 13.2 (THEO)

10. STABILITY AND REACTIVITY

Reactivity

No dangerous reaction known under conditions of normal use.

Chemical Stability

This product is stable under normal ambient conditions of temperature and pressure.

Possibility of hazardous reactions

Under normal conditions of storage and use, hazardous polymerization will not occur.

Conditions to avoid

Direct sunlight. Extremely high or low temperatures. Open flame. Overheating. Heat. Sparks.

Incompatible material

Strong acids, strong bases, Strong oxidizing agents.

Hazardous and decomposition products

Hazardous decomposition products formed under fire conditions: carbon monoxide, carbon dioxide, toxic fumes.

---

11. TOXICOLOGICAL INFORMATION

Information on the likely Roots of Exposure

Skin contact

Contact may cause irritation and drying of skin. Wash area with soap and water. Get medical attention if irritation persists.

Eye contact

Causes irritation and burns. Flush with water for at least 15 minutes, hold eyelids open. Get medical attention.

Ingestion

If swallowed, give victim milk or water to dilute stomach contents. Get medical attention.

Inhalation

If irritation develops, remove to fresh air.

Symptoms related to the physical, chemical And toxicological

Information on Toxicological Effects

Acute toxicity

No data available

Germ cell mutagenicity

No data available to indicate product or any components present at greater than 0.1% are mutagenic or gen toxic.

Reproductive toxicity

Not Known

Specific target organ toxicity – single exposure

No data available

Specific target organ toxicity – repeated exposure

No data available

Aspiration Hazard

Not applicable

Carcinogenicity

This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.

12. ECOLOGICAL INFORMATION

Eco toxicity Data

No data available

Persistent and degradability

No data is available on the degradability of the product.

Bio accumulative potential

No data available

Mobility in Soil

No data available

Other adverse effect

No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

13. DISPOSAL CONSIDERATIONS

Waste treatment Methods

Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner.

Container Disposal

Containers should be cleaned and disposed of in the same manner as per the local rules and regulations. Handle empty containers with care because residual vapors are flammable.

---

14. TRANSPORT INFORMATION

Land Transport

DOT

UN number : UN 3082

UN proper shipping name : Environmentally hazardous substances, liquid, N.O.S.

Transport Hazard class(es) : 9

Packing group : III

Sea Transport

IMDG

UN number : UN 3082

UN proper shipping name : Environmentally hazardous substances, liquid, N.O.S.

Transport Hazard class(es) : 9

Packing group : III

Air Transport

IATA/ICAO

UN number : UN 3082

UN proper shipping name : Environmentally hazardous substances, liquid, N.O.S.

Transport Hazard class(es) : 9

Packing group : III

---

15. REGULATORY INFORMATION

Safety, health and environmental regulations / legislation specific for the substance or mixture

Particular Provision : No data available

Chemical Safety Assessment : For this product a chemical safety assessment was not carried out.

---

16. OTHER INFORMATION

Disclaimer

All information concerning this product and /or suggestions for handling and use contained herein are offered in good faith and are believed to be reliable as of the date of publication.

However, no warranty is made as to the accuracy of and/or sufficiency of such information and/or suggestions or as to the product's merchantability or fitness for any particular purpose.

Buyer must determine for himself, by preliminary tests or otherwise, the suitability of this product for his purposes, including mixing with other products.

We as manufacturer give the guarantee for the quality of the product.

The information in the material safety data sheet should be provided to all who will use, handle, store, transport or otherwise be exposed to this product.