

Material Safety Data Sheet

1. Product and Company Identification :-

Sinoflex Printing Ink Industries
Ring Road No. 2, Birgaon,
Raipur Chhattisgarh, India 493221

In Case of Spill Emergency Contact:
Phone : +91 8908014744

Product Name: Hand Sanitizer
Brand Name : Sinotizer
Issue Date: 06/10/2008
Supersedes Date: December 6, 2006

2. Hazardous Identification :-

Emergency Overview - Keep out of reach of children.

Appearance/Odor – Low Viscous liquid with floral scent

Warning - Flammable (Ethyl Alcohol)

Potential Health Effects: See Section 11 for more information.

Symptoms of Exposure:

Inhalation - May cause irritation of the respiratory tract.

Ingestion - May cause nausea, vomiting and diarrhea.

Eyes - May cause irritation to the eyes.

Skin - None expected.

Potential Environmental Effects: See Section 12 for more information.

3. Composition / Information on Ingredients :-

<u>Composition</u>	<u>CAS#</u>	<u>%Wt.</u>
Ethyl Alcohol IP	64-17-5	80%
Glycerol	56-81-5	1.45%
Hydrogen Peroxide	7722-84-1	0.125%
Essential Oils	284-525-8	1%

4. First-aid measures :-

Eye Contact - Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

Skin Irritation - Wash off with soap and water and get medical attention

Ingestion – Rinse mouth and Consult Physician

Inhalation - Move to fresh air. Call a physician if symptoms develop or persist

Notes to physician - Provide general supportive measures and treat symptomatically. Keep victim under observation, symptoms may be delayed.

Most important symptoms/effects, acute and delayed - Exposed individuals may experience eye tearing, redness, and discomfort in stomach and breathing issues

General Information - Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves

5. Fire Fighting Measures :-

Suitable Extinguishing Media - Water, Foam, Dry powder, Carbon Dioxide (Co2), Sand

Specific hazards arising from the chemical - During fire, gases hazardous to health may be formed.

Special protective equipment and precautions for firefighters - Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

6. Accidental release measures :-

Personal precautions, protective equipment and emergency procedures - Keep unnecessary personnel away. Wear appropriate personal protective equipment. For personal protection, see section 8 of the SDS.

Methods and materials for containment and cleaning up - Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination. Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS.

7. Handling and Storage :-

Precautions for safe handling - Avoid contact with eyes. Provide adequate ventilation. Observe good industrial hygiene practices.

Conditions for safe storage, including any incompatibilities - Store in original tightly closed container. Store away from incompatible materials (see Section 10 of the SDS). Keep out of the reach of children.

8. Exposure controls/personal protection :-

Appropriate engineering controls - General ventilation normally adequate. Provide eyewash station.

Individual protection measures, such as personal protective equipment

Eye/face protection - If contact is likely, safety glasses with side shields are recommended.

Hand protection – Not normally needed

Respiratory protection - No personal respiratory protective equipment normally required.

General hygiene considerations - Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants

9. Physical and chemical properties :-

Appearance – Clear

Form – Liquid

Color – Light Blue

Odor – Citrus

Odor Threshold – Not available

PH – 7 – 7.5

Melting Point/Freezing Point – Not available

Boiling Point - (<100 °C)

Flash Point – 21 °C

Evaporation Rate – Not available

Soluble to water – 100%

Specific Gravity – 810 Grams/Kg

10. Stability and reactivity :-

Reactivity - The product is stable and non-reactive under normal conditions of use, storage and transport.

Chemical stability - Material is stable under normal conditions.

Possibility of hazardous reactions - No dangerous reaction known under conditions of normal use.

Conditions to avoid - Contact with incompatible materials.

Incompatible materials - Strong oxidizing agents.

Hazardous decomposition products - No hazardous decomposition products are known.

11. Toxicological information :-

Toxicological Data

Product – Hand Sanitizer

Information on likely routes of exposure

Eye Contact – cause eye irritation

Skin Contact – No adverse effect due to skin contact are expected

Ingestion – Expected to be a low ingestion hazard.

Inhalation – No adverse effect due to inhalation are expected

Symptoms related to the physical, chemical and toxicological characteristics - Exposed individuals may experience eye tearing, redness, and discomfort.

Reproductive toxicity – This product is not expected to cause reproductive or developmental effects.

Toxicological information effect – Occupational exposure to the substances or mixture may cause adverse effect.

12. Ecological Information :-

Eco Toxicity - The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

Persistence and degradability - No data is available on the degradability of this product.

Bio accumulative potential – No data available

Other adverse effects - 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 :-

Disposal instructions - Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Dispose of contents/container in accordance with local/regional/national/international regulations.

Hazardous waste code - The waste code should be assigned in discussion between the user, the producer and the waste disposal company

Waste from residues / unused products - 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 (see: Disposal instructions).

Contaminated packaging - Empty containers should be taken to an approved waste handling

site for recycling or disposal - Since emptied containers may retain product residue, follow local government guidelines for disposal

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