Material Safety Data Sheet

Product name:lens cleaner
Substance key:003001
Issued：02/01/2013

Material Safety Data Sheet

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

Product name: **Lens Cleaner**

Supplier:
Tel:
Street Address:

Telephone:
Facsimile:

2. COMPOSITION/INFORMATION ON INGREDIENTS

Recommended use: lens cleaner (fluid).

Appearance: Clear, colorless liquid with weak odor.

CHEMICAL ENTITY	CAS NO.	PROPORTION
Water	7732-18-5	94.5
EDTA	60-00-4	0.5
Glycerin	56-81-5	2.5
Sodium dodecyl sulfate	151-21-3	2.5
		100 %

3. HAZARDS IDENTIFICATION

Based on available information, not classified as hazardous

4. FIRST AID MEASURES

Ingestion: Rinse mouth with water. Give water to drink. Do NOT induce vomiting. Seek medical assistance.

Eye contact: Immediately irrigate with copious quantities of water for 15 minutes. In all cases of eye contamination it is a sensible precaution to seek medical advice.

Skin contact: Wash contaminated skin with plenty of water. Remove contaminated clothing and wash before re-use. If irritation occurs seek medical advice.

Inhalation: Remove victim from exposure - avoid becoming a casualty. Seek medical advice if effects persist.

Notes to physician: Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Specific hazards: Combustible liquid.

Fire fighting further advice: Combustible liquid. On burning may emit toxic fumes. Fire fighters to wear self-contained breathing apparatus if risk of exposure to vapour or products of combustion.

Suitable extinguishing media: Water fog (or if unavailable fine water spray), foam, dry agent (carbon dioxide, dry chemical powder).

6. ACCIDENTAL RELEASE MEASURES

Wipe up with absorbent (clean rag or paper towels). Allow absorbent to dry before disposing with normal household garbage.

7. HANDLING AND STORAGE

Storage: Store in a cool, dry place and out of direct sunlight. Store away from oxidising agents. Keep containers closed at all times - check regularly for leaks.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

These Exposure Standards are guides to be used in the control of occupational health hazards. All atmospheric contamination should be kept to as low a level as is workable. Exposure Standards should not be used as fine dividing lines between safe and dangerous concentrations of chemicals. They are not a measure of relative toxicity.

Engineering measures: Ensure ventilation is adequate and that air concentrations of components are controlled below quoted Exposure Standards. Use in well ventilated areas. Keep containers closed when not in use.

Personal protection equipment:
Avoid eye and repeated or prolonged skin contact. Wear safety glasses and impervious gloves. Always wash hands before smoking, eating, drinking or using the toilet.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form / Colour / Odour: Clear, colourless liquid with a slight solvent odour.

Solubility: Soluble in water.

Specific Gravity (20 C)	: 1.0 *	Melting Point (C)	: N App
Rel Vapour Density (air=1)	: N Av	Boiling Point (C)	: 100 *
Vapour Pressure (20 C)	: N Av	Decomp. Point (C)	: N Av

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Flash Point (C)	: >70	Sublimation Point	: N App
Flammability Limits (%)	: N Av	pH	: 7.0
Autoignition Temp (C)	: N Av	Viscosity	: N Av
% Volatile by weight	: 100	Evaporation Rate	: N Av
Solubility in water	: Soluble		

* For Water.

(Typical values only - consult specification sheet)
N Av = Not available N App = Not applicable

10. STABILITY AND REACTIVITY

Stability: May react with oxidising agents.

11. TOXICOLOGICAL INFORMATION

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms that may arise if the product is mishandled and overexposure occurs are:

Acute Effects

Ingestion: No adverse effects expected, however large amounts may cause nausea and vomiting.

Eye contact: May be an eye irritant.

Skin contact: Contact with skin may result in irritation. Will have a degreasing action on the skin. Repeated or prolonged skin contact may lead to irritant contact dermatitis. A component (2-Butoxyethanol) can be absorbed through the skin with resultant toxic effects.

Inhalation: Inhalation of mists or aerosols may produce respiratory irritation.

Long Term Effects:
No information available for the product.

Acute toxicity / Chronic toxicity
No LD50 data available for the product.

12. ECOLOGICAL INFORMATION

Avoid contaminating waterways.

13. DISPOSAL CONSIDERATIONS

Empty containers and soiled absorbent materials from cleaning may be disposed of with normal household garbage.

14. TRANSPORT INFORMATION

Road and Rail Transport
Not classified as Dangerous Goods

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Marine Transport
Not classified as Dangerous Goods

Air Transport
Not classified as Dangerous Goods

15. REGULATORY INFORMATION

Based on available information, not classified as hazardous
Poisons Schedule: N/A - Not Applicable

16. OTHER INFORMATION

Reason(s) For Issue: First Issue Primary MSDS

This MSDS summarises at the date of issue our best knowledge of the health and safety hazard information of the product, and in particular how to safely handle and use the product in the workplace. Since **HUINA** cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, review this MSDS in the context of how the user intends to handle and use the product in the workplace.