

11/17/2020

MSI
Material Safety Data Sheet

SECTION I:**PRODUCT INFORMATION**

PRODUCT NAME: <p style="text-align: center;">Lens Cleaner Wal-Mart Vision Center</p> Item #'s: 4903950, 4907355, 4907362, 4907943, 4912419, 4916202, 4916209, 4920753, 4924480, 4924487, 4924763, 4924770, 4924777, 4925655, 4929567, 4929977, 4937221, 4937228, 4953554, 4971087, 4997830, 9983469, 9907223, 9960959, 9964813, 9975605, 9983462	DATE: <p style="text-align: center;">10/1/2004</p> <p style="font-size: 1.2em;">Lens Cleaner streak free, Equate</p>
MANUFACTURER: <p style="text-align: center;">MSI 3418 International Place Irving, TX 75062</p>	EMERGENCY CONTACT NUMBER <p style="text-align: center;">INFOTRAC (800) 535-5053</p>

HMIS RATINGS

HEALTH - 1

FIRE - 0

REACT - 0

PERS PROT - 0

SECTION II:**HAZARDOUS INGREDIENTS**

CAS REGISTRY NUMBER	% WT	COMPONENT NAME	OSHA PEL	ACGIH TLV	CARCINOGEN
111-76-2	< 6%	2-Butoxyethanol	25 ppm (Skin)	25 ppm (Skin)	No

SECTION III:**PHYSICAL DATA**

BOILING POINT: <p style="text-align: center;">Not Determined</p>	SPECIFIC GRAVITY: <p style="text-align: center;">0.995</p>
VAPOR PRESSURE: <p style="text-align: center;">Not Determined</p>	VAPOR DENSITY: <p style="text-align: center;">Not Determined</p>
EVAPORATION RATE (But. Ace. =1): <p style="text-align: center;">> 1</p>	SOLUBILITY IN WATER: <p style="text-align: center;">100%</p>
APPEARANCE: <p style="text-align: center;">Water Clear Liquid</p>	ODOR: <p style="text-align: center;">Pleasant</p>

SECTION IV:

FIRE & EXPLOSION HAZARD DATA

FLASH POINT: > 212°F (100°C)	METHOD USED: Supplier Data	FLAMMABLE LIMITS: LFL: Not Determined UFL: Not Determined
EXTINGUISHING MEDIA: Use water fog, foam, dry chemical / CO*2 for containers. Product is not flammable.	SPECIAL FIRE FIGHTING PROCEDURES: None.	UNUSUAL FIRE AND EXPLOSION HAZARDS: None

SECTION V:

HEALTH HAZARD DATA

EFFECTS OF OVEREXPOSURE: Irritation of the eyes or skin	CONDITIONS TO AVOID: <i>Avoid eye contact and prolonged skin contact. Avoid inhalation of spray mist. Do not take internally. Keep Out Of Reach Of Children.</i>	THRESHOLD LIMIT VALUE: 25 ppm (Skin) 2-Butoxyethanol SARA Title III Section 313 (2-Butoxyethanol)
PRIMARY ROUTES OF ENTRY: Eyes, Skin, Inhalation, Oral	CONDITIONS AGGRAVATED BY USE: Dermatitis of the skin	
EMERGENCY AND FIRST AID PROCEDURES: EYES: Flush eyes with water for 15 minutes while lifting eyelids. If irritation persists or occurs. Call a physician. SKIN: Wash with soap and water, if irritation occurs, seek medical aid. INHALATION: Remove to fresh air, if problem breathing, seek medical aid. ORAL: Wash mouth out with water, then drink a glass of water to dilute. Call a physician.		

SECTION VI:

REACTIVITY DATA

STABILITY: Stable under ordinary conditions of use and storage.	INCOMPATIBILITY (materials to avoid): Strong oxidizing agents, strong acids, strong bases.
HAZARDOUS DECOMPOSITION PRODUCTS: Carbon dioxide and carbon monoxide may form when heated to decomposition.	HAZARDOUS POLYMERIZATION: Will not occur.

SECTION VII:

SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Contain and recover liquid when possible. Collect liquid in an appropriate container or absorb with an inert material (e. g., vermiculite, dry sand, earth oil absorbent), and place in a chemical waste container.
WASTE DISPOSAL METHOD: Dispose of in accordance with all State, Local and Federal Laws

SECTION VIII:

SPECIAL PROTECTION INFORMATION

PROTECTIVE GLOVES: Not normally required	EYE PROTECTION: Not normally required
RESPIRATORY PROTECTION: None required	VENTILATION: General or local exhaust.
OTHER PROTECTIVE EQUIPMENT: None required	

SECTION IX:

SPECIAL PRECAUTIONS

<p>PRECAUTIONS TO BE TAKEN IN HANDLING & STORING: Keep in a tightly closed container. Store in a cool, dry, ventilated area. Protect against physical damage.</p>	<p>OTHER PRECAUTIONS Wash hands after handling or using this product to avoid any possible irritation.</p>
<p>Disclaimer: The information herein has been compiled from sources believed to be reliable and up-to-date, and is accurate to the best of our knowledge. However, nCites, L.L.C. and M S I cannot give any guarantees regarding information from other sources or completeness and expressly does not make warranties, nor assumes any liability for its use.</p>	

Material Safety Data Sheet

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

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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.

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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.