

MATERIAL SAFETY DATA SHEET

1. IDENTIFICATION OF THE SUBSTANCE AND THE COMPANY :

Product name : **EZ Clean– Wipes for lens cleaning**
Supplier: Ophir Optronics Ltd.
6 Hartom St. Har-Hotzvim
Jerusalem 91450, Israel
Fax: 972-2-5822338
Email: co2optics@ophiropt.com

2. HAZARDS IDENTIFICATION



F Highly flammable

Information concerning particular hazards for human and environment:
R 11 Highly flammable

GHS label elements



Danger

H225 - Highly flammable liquid and vapour.

Prevention:

P210 Keep away from heat/sparks/open flames/hot surfaces. – No smoking.
P241 Use explosion-proof electrical/ventilating/lighting/equipment.
P280 Wear protective gloves/protective clothing/ eye protection/ face protection.
P240 Ground/ bond container and receiving equipment.

Response:

P303 + P361 + P353 If on Skin (or hair): Remove / Take off immediately all contaminated clothing. Rinse skin with water/shower.

Disposal:

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

3. COMPOSITION / INFORMATION ON INGREDIENTS**Chemical Characteristics:**

Non-woven fabric wipe saturated with Ethanol.

Table No.1: Composition Information of hazards materials

Ingredient	CAS Number	Einces No	W/W%	Hazard indication classification	Safety indication classification
Ethanol Absolute	64-17-5	200-578-6	A	R11	S2,S7,S9,S16,S33

4. PHYSICAL & CHEMICAL PROPERTIES

Product Description: Non-woven fabric wipe saturated with Ethanol

Form: Fabric

Odor: Alcohol-like

Density (20°C): 0.750-0.850 gr/ml

Water solubility: Miscible

Solubility in ethanol: Soluble in all proportions

pH: N/A

Danger of explosion: Product is not explosive. However, formation of explosive air/vapour mixtures are possible.

5. STABILITY AND REACTIVITY

Stability: No decomposition if stored and applied as directed

Condition to avoid: Incompatible materials, ignition sources, excess heat, oxidizers.

6. TOXICOLOGICAL INFORMATION

The product contains no substances classified as hazardous to health in concentrations that should be taken into account.

7. ECOLOGICAL INFORMATION

Degradability:

This product is biodegradable. This information is evaluated on the basis of the MSDS of the raw materials contained in the product and / or of structurally comparable substances.

8. DISPOSAL CONSIDERATIONS

Residues / contaminated packaging should be regarded as hazardous waste and be taken care of in accordance with local regulations.

9. HAZARDS IDENTIFICATION

Label Hazard Warnings: Irritating to eyes, respiratory system, and skin
Label Precautionary Statements: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
Wear suitable protective clothing.
Laboratory Protective Equipment: Safety glasses, protective gloves, and lab coat

10. EMERGENCY AND FIRST AID MEASURES

Route of Entry	Symptoms	First Aid Procedures
Ingestion	May cause irritation if swallowed	If swallowed, wash out mouth with water. Get medical attention.
Inhalation	May cause irritation to respiratory tract	Safely remove victim to fresh air. If not breathing, institute cardiopulmonary resuscitation (CPR). If breathing is difficult, ensure clear airway and give oxygen. Get medical attention.
Eye Contact	Direct contact may cause irritation. May cause redness, tearing, or blurred vision.	Rinse opened eye for several minutes under running water. Eyelids should be held away from the eyeball to ensure thorough rinsing. Get medical attention if irritation persists.
Skin Contact	Generally the product Does not irritate the skin.	Wash area thoroughly with soap and water. Remove and wash Contaminated clothing. Get medical attention if irritation persists.

11. FIRE HAZARDS & FIRE FIGHTING MEASURES

Suitable extinguishing agents:

CO₂, powder or water spray.

Fight larger fires with water spray or alcohol resistant foam.

Protective equipment:

No special measures required.

12. HANDLING AND STORAGE

Handling:

Information for safe handling: Store in cool, dry place in tightly closed receptacles.

Information about fire – and explosion protection: Keep ignition sources away – Do not smoke.

Protect against electrostatic charges.

Storage:

Keep away from heat, sparks, and flame. Keep away from sources of ignition. Store in a tightly closed container. Keep from contact with oxidizing materials. Store in a cool, dry, well-ventilated area away from incompatible substances. Flammables-area. Do not store near perchlorates, peroxides, chromic acid or nitric acid.

Personal protective equipment:

Wash hands before breaks and at the end of work.

Eye protection:  tightly sealed goggles

13. TRANSPORT INFORMATION



Considered as solids containing flammable liquid. Must be transported according to the international or local regulations.

Class(ADR/RID, IMDG, ICAO/IATA): 3 flammable liquids

Danger code: 33

UN Number: 1170

Packaging group: II

Hazard label: 3

14. REGULATORY INFORMATION

Labeling according to EU guidelines:

The product has been classified and marked in accordance with EU Directives / Ordinance on Hazardous Materials.

Code letter and hazard designation of product:



F Highly flammable

Risk phrases: R11- Highly Flammable

Safety phrases: S7 – Keep container tightly closed.

S9 – Keep container in a well-ventilated place.

S16- Keep away from sources of ignition – No smoking.

S33- Take precautionary measures against static discharges.

15. OTHER INFORMATION

The information given us designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification.