

1. IDENTIFICATION

Product Name: Lens Cleaning Wipes

Date of Preparation: November 19, 2015

Recommended use of the chemical and restrictions on use:

Recommended use: Use to remove dust and dirt from a variety of lenses.

Restrictions on use: None known

Manufacturer/Supplier: Nice-Pak/PDI, Inc.
Two Nice-Pak Park
Orangeburg, NY 10962-1376

Phone Number: 1-845-365-1700

Emergency Phone Number: PERS: 1-800-633-8253 (Domestic/Canada)
1-801-629-0667 (International)

2. HAZARD(S) IDENTIFICATION

This product is a colorless to yellow transparent liquid with a pleasant light citrus odor impregnated on a wipe. There is a small amount of liquid on the wipes and very small amount of free liquid in the packages.

GHS Classification:

Physical	Health	Environmental
Flammable Liquid Category 3	Eye Irritant Category 2A	Not Classified

Label Elements:

Warning!



Hazard Statements:

H226 Flammable liquid and vapor.

H319 Causes serious eye irritation.

Precautionary Statements:

P210 Keep away from heat, sparks, open flames, and hot surfaces. No smoking.

P233 Keep container tightly closed.

P240 Ground or bond container and receiving equipment.

P241 Use explosion-proof electrical, ventilating and lighting equipment.

P242 Use only non-sparking tools.,

P243 Take precautionary measures against static discharge.

P264 Wash thoroughly after handling.

P280 Wear eye protection.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313 If eye irritation persists: Get medical attention.

P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.

P370+P378 In case of fire: Use water fog, alcohol-resistant foam, carbon dioxide and dry chemical to extinguish.

P403+P235 Store in a well-ventilated place. Keep cool.

P501 Dispose of contents and container in accordance with local and national regulations.

Other Hazards: None known.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical name	CAS No.	Concentration
Non-Hazardous Components	Mixture	Balance
Ethyl Alcohol (Ethanol)	64-17-5	40-50%

The specific identity and/or exact percentage of composition has been withheld as a trade secret.

4. FIRST-AID MEASURES

Description of First Aid Measures:

Eye: Immediately flush eyes with water for several minutes, while holding the eye lids open to be sure the material is washed out. Get medical attention if irritation persists.

Skin: No first aid should be required. Wash skin with water. Get medical attention if irritation develops or persists.

Inhalation: If symptoms develop move victim to fresh air. Get medical attention if irritation or other symptoms persists.

Ingestion: Rinse mouth with water. Do not induce vomiting unless directed to do so by a medical professional. Get medical attention if you fell unwell.

Most Important Symptoms/Effects, Acute and Delayed: Direct contact may cause moderate eye irritation. Inhalation of vapors may cause upper respiratory tract irritation and central nervous system effects. Swallowing large amounts of liquid may cause gastrointestinal irritation.

Indication of Immediate Medical Attention and Special Treatment, If Necessary: None required under normal conditions of use.

5. FIRE-FIGHTING MEASURES

Suitable (and Unsuitable) Extinguishing Media: Use water fog, alcohol-resistant foam, carbon dioxide and dry chemical.

Specific Hazards Arising From the Chemical: Liquid saturant is a flammable liquid. Vapors are heavier than air and may flow along surfaces to remote ignition sources and flash back. This product contains only a small

amount of liquid per container, therefore the risk of creating a fire hazard is minimal. Combustion may produce carbon oxides.

Special Protective Equipment and Precautions for Fire-Fighters: Firefighters should always wear self-contained breathing apparatus and full protective clothing for fires involving chemicals or in confined spaces.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures: Eliminate ignition sources. Use only non-sparking tools. Minimize generation of static electricity which may cause sparking. Wear appropriate protective clothing.

Environmental Hazards: Report spill as required by local and federal regulations.

Methods and Materials for Containment and Cleaning Up: Pick up wipe and place in an appropriate container for disposal. For free liquid, collect using inert absorbent materials and place in an appropriate container for disposal.

7. HANDLING AND STORAGE

Precautions for Safe Handling: Avoid contact with eyes. Avoid breathing vapors. Wash hands with soap and water after use. Do not smoke when handling.

Conditions for Safe Storage, Including Any Incompatibilities: Store in a cool, dry location away from heat and open flames. Protect container from physical damage. Keep containers closed when not in use.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines:

Non-Hazardous Components	None Established
Ethyl Alcohol (Ethanol)	1000 ppm STEL ACGIH TLV 1000 ppm TWA OSHA PEL

Refer to local regulations if exposure limits are not listed above.

Appropriate Engineering Controls: General ventilation is adequate under normal conditions of use.

Individual Protection Measures, Such As Personal Protective Equipment:

Respiratory Protection: If the exposure levels are excessive, use an approved organic vapor respirator. Selection of respiratory protection depends on the contaminant type, form and concentration. Select in accordance with local regulations and good Industrial Hygiene practice.

Skin Protection: None required under normal use conditions. For prolonged exposure, use natural rubber gloves if needed to prevent skin contact.

Eye Protection: None required under normal use conditions.

Other: None required under normal conditions of use.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Colorless to yellow transparent liquid impregnated on a lint free wipe	Flammable limits: LEL: 3.3% (Ethanol) UEL: 19.0% (Ethanol)
Odor: Pleasant light citrus odor	Vapor pressure: Not available
Odor Threshold: Not applicable	Vapor density: Not available
pH: Not available	Relative density: Not available
Melting point/freezing point: -114.1°C (-173.38°F) (Ethanol)	Solubility(ies): Saturant- infinite
Boiling point/range: 78°C (172.4°F) (Ethanol)	Partition coefficient (n-octanol/water): Not available
Flash point: 45°C (113°F) (Saturant)	Auto-ignition temperature: 363°C (685.40°F) (Ethanol)
Evaporation rate: Not available	Decomposition temperature: Not available
Flammability (solid, gas): Not applicable	

10. STABILITY AND REACTIVITY

Reactivity: Not reactive under normal conditions of use.

Chemical Stability: Stable under normal storage and handling conditions.

Possibility of Hazardous Reactions: None known.

Conditions To Avoid: Keep away from heat, sparks, and open flames.

Incompatible Materials: Avoid contact with strong acids, alkalis, and oxidizing agents.

Hazardous Decomposition Products: Thermal decomposition may produce carbon oxides.

11. TOXICOLOGICAL INFORMATION

Potential Health Effects:

Eye: Direct contact with liquid will cause moderate eye irritation with redness, tearing and stinging.

Skin: Prolonged contact may cause irritation with drying and dermatitis.

Inhalation: Inhalation of vapors may cause upper respiratory tract irritation, headache, dizziness, drowsiness, confusion, and other central nervous system effects.

Ingestion: Ingestion is unlikely for solid products. This product contains only a small amount of liquid. No adverse effects are expected. Swallowing the free liquid may cause gastrointestinal irritation, nausea, vomiting, and diarrhea.

Chronic Effects: None known.

Carcinogenicity: Ingestion of alcoholic beverages is known to cause cancer in humans. The carcinogen classification does not apply for this product. None of the components of this product are listed as a carcinogen or suspected carcinogen by OSHA, IARC, and NTP.

Reproductive Effects: Repeated ingestion of ethanol by pregnant mothers has been shown to adversely affect the central nervous system of the fetus, resulting in fetal alcohol syndrome. These effects include mental and physical retardation, disturbances of learning, motor and language deficiencies, behavioral disorders and small head size. Reproductive harm is not expected from this product.

Mutagenic Effects: Not expected to cause mutagenic activity.

Acute Toxicity:

Ethanol: Oral rat LD50: 10470 mg/kg, Inhalation rat LC50: 124.7 mg/L/4hr

12. ECOLOGICAL INFORMATION

Ecotoxicity: No data available for this mixture. No adverse effects on the aquatic environment are expected.

Persistence and Degradability: No data available

Bioaccumulative Potential: No data available

Mobility in Soil: No data available

Other Adverse Effects: None known.

13. DISPOSAL CONSIDERATIONS

Dispose in accordance with all local, state and federal regulations.

14. TRANSPORT INFORMATION

	UN Number	Proper shipping name	Hazard Class	Packing Group	Environmental Hazard
US DOT	UN1170	Ethanol solution	3	III	None
IMDG	UN1170	Ethanol solution	3	III	No
IATA	UN1170	Ethanol solution	3	III	None

Special precautions: None known

15. REGULATORY INFORMATION

Safety, Health, and Environmental Regulations Specific for the Product In Question:

U.S. FEDERAL REGULATIONS:

CERCLA 103 Reportable Quantity: This product is not subject to reporting under CERCLA. Some states have more stringent reporting requirements. Report all spills in accordance with local, state, and federal regulations.

SARA TITLE III:

Hazard Category for Section 311/312: Acute Health, Fire Hazard

Section 313 Toxic Chemicals: This product contains the following chemicals subject to SARA Title III Section 313 Reporting requirements: None

Section 302 Extremely Hazardous Substances (TPQ): None

EPA Toxic Substances Control Act (TSCA) Status: All of the ingredients of this product are listed on the TSCA inventory.

STATE REGULATIONS:

California Proposition 65: This product does not contain substances known in the State of California to cause cancer and/or reproductive harm.

INTERNATIONAL REGULATIONS:

China Regulations on the Control over Safety of Dangerous Chemicals: All ingredients in this product are listed in IECSC (Inventory of Existing Chemical Substances in China 2010).

16. OTHER INFORMATION

HMIS Ratings: Health – 2	Flammability – 2	Physical Hazard - 0
NFPA Ratings: Health – 2	Flammability – 2	Instability – 0

SDS Revision History: New SDS

Date of preparation: November 19, 2015

Date of last revision: -