



SAFETY DATA SHEET

OSHA HCS (29 CFR 1910, 1200)

Section 1: Product and Company Identification

1.1 Product Identifier

GHS Product Identifier	Not Applicable
Chemical Name	Not Applicable
Trade Name	Otis Lens Cleaner
CAS No	Mixture

1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified use(s)	Optics cleaner solution
Uses advised against	None

1.3 Details of the supplier of the safety data sheet

Company Identification	6987 Laura Street Lyons Falls, NY 13368 1-800-684-7486 (315) 348-4328 cs@otistec.com
Telephone	
Fax	
E-Mail	
1.4 Emergency telephone number	
Emergency Phone No	Chemtrec 24 hr (800)424-9300

Section 2: Hazards Identification

2.1 Classification of the substance or Mixture

OSHA HCS (29 CFR 1910 1200)	Not classified as dangerous for supply/use
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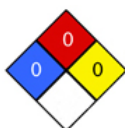
2.2 Label Elements

Hazard Symbol	None
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2.3 Other Hazards

None

2.4 Additional Information



Health	0
Flammability	0
Physical Hazard	0

SECTION 3: COMPOSITION/INFORMATION on INGREDIENTS

3.2 Mixtures

Hazardous Ingredient(s)	%W/W	CAS No.	Hazard statement(s)
Water	98	7732-18-5	None Anticipated
Surfactant	2	151-21-3	None Anticipated
other*

*Ingredients present at <0.1%

3.3 Additional Information

None

SECTION 4: FIRST AID MEASURES



4.1 Description of first aid measures

Inhalation	If symptoms occur, obtain medical attention.
Skin Contact	Wash skin with water. If symptoms occur, obtain medical attention.
Eye Contact	If substance has got into the eyes, wash out with water. If symptoms occur, obtain medical attention.
Ingestion	Drink one glass of water. Do not induce vomiting. If symptoms occur, obtain medical attention.

4.2 Most important symptoms and effects, both acute and delayed.

May cause eye irritation

4.3 Indication of the immediate medical attention and special treatment needed

None

Section 5: FIRE-FIGHTING MEASURES

5.1 Extinguishing media

Suitable Extinguishing Media	
Unsuitable Extinguishing Media	None anticipated

5.2 Special hazards arising from the substance or mixture

None anticipated

5.3 Advice for fire-fighters

As appropriate for surrounding fire.
>90% Water

Section 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Not normally required

6.2 Environmental precautions

Not normally required

6.3 Methods and material for containment and clean up

Contain and cover spilled substance with dry sand or earth or other suitable dry material.

6.4 Reference to other sections

None

6.5 Additional information

None




Section 7: Handling and Storage

7.1 Precautions for safe handling

Wash affected skin with plenty of water. Remove contaminated clothing and wash clothing before reuse. Provide adequate ventilation. Avoid contact with skin, eyes or clothing.

7.2 Conditions for safe storage. Including any incompatibilities	
Storage Temperature	Store at room temperature
incompatible materials	None
7.3 Specific end use(s)	Optics cleaner solution

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters	
8.1.1 Occupational Exposure Limits	none
8.1.2 Recommended monitoring method	none
8.2 Exposure controls	
8.2.1 Appropriate engineering controls	Not normally required
8.2.2 Personal protection equipment	
Eye/face protection	Not normally required
	
Skin protection (hand protection/other)	Not normally required
	
Respiratory protection	Not normally required
	
Thermal hazards	Not normally required
8.2.3 Environmental Exposure Controls	

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties	
Appearance	Liquid
Color	Clear
Odor	Not available
Odor Threshold (ppm)	Not available
pH (Value)	7
Melting Point / Freezing Point (C)	Not available
Boiling point/boiling range (C)	Not determined
Flash Point (C)	Not available
Evaporation rate	Not available
Flammability (solid, gas)	Not available
Explosive limit ranges	Not available
Vapor Pressure (Pascal)	Not available
Vapor Density (Air=1)	Not available
Density (g/ml)	Not available
Specific Gravity	0.95 @ 22 C
Solubility (Water)	Soluble
Solubility (other)	Not Known

9.1 Information on basic physical and chemical properties

Partition Coefficient (n-Octanol/water)	Not available
Auto Ignition Temperature (C)	Not available
Decomposition Temperature	Not available
Kinematic Viscosity (mPas) @ 22C	<10
Explosive properties	Not explosive
Oxidizing properties	Not oxidizing

9.2 Other information

Not available

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity	Stable under normal conditions
10.2 Chemical stability	Stable
10.3 Possibility of hazardous reactions	None anticipated
10.4 Conditions to avoid	None anticipated
10.5 Incompatible materials	None anticipated
10.6 Hazardous Decomposition Product(s)	None anticipated

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

11.1.1 Substances

Not applicable

11.1.2 Mixtures

Acute toxicity	Not available
Irritation	Not available
Corrosivity	Not available
Sensitization	Not available
Repeated dose toxicity	Not available
Carcinogenicity	IARC, NTP, OSHA, ACGIH do not list this product or any components thereof as known or suspected carcinogen
Mutagenicity	Not available
Toxicity for reproduction	Not available

11.1.3 Substances in preparations / mixtures

IARC, NTP, OSHA, ACGIH do not list this product or any components thereof as known or suspected

Acute toxicity

Oral: LD50 = 5.84 g/kg (rat)

Inhalation: LC50 > 1000 ppm (rat) 6 hours

Dermal: LD50 = 16.4 ml/kg (rabbit) 24 hours

Irritant

Irritating to eyes

Sensitization

It is not a skin sensitizer

Repeated dose toxicity

NOAEL = 5,000 ppm (inhalation)

11.2 Other information

None known

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity

Substances in preparations / mixtures

none

Biodegradability

Biodegradable

Bioaccumulative potential

The product has no potential for bioaccumulation

Acute toxicity

LC50 (96 hour) 10,000 mg/l (Fathead minnow (*Pimephales promelas*))

LC50 24 hours > 10,000 mg/l (*Daphnia magna*)

Long Term Toxicity

NOEC: 3.37 µmol/l (*Daphnia magna*) (Growth rate)

12.2 Persistence and degradability

The product is biodegradable

12.3 Bioaccumulative potential

The product has no potential for bioaccumulation

12.4 Mobility in soil

The product has high mobility in soil

12.5 Results of PBT and vPvB assessment

Not classified as PBT or vPvB

12.6 Other adverse effects

None known

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Disposal should be in accordance with local, state or national legislation. Consult an accredited waste disposal contractor or the local authority for advice

13.2 Additional information

None known

SECTION 14: TRANSPORT INFORMATION

In accordance with: 49CFR 173 120(a)(5), ADR Annex A.2.2.3.1.1 Note 1; ICAO 2.3.1.3(c); IATA DGR 3.3.1.3(c); and IMO 2.3.1.3.3

14.1 DOT (DEPARTMENT OF TRANSPORTATION)

Not classified as dangerous for transport

UN Number

Proper shipping name

Transport hazard class(s)

Packing Group

Hazard label(s)

Environmental hazards

Special precautions for user

14.2 Land transport (ADR/RID)	Not classified as dangerous for transport
UN number	
Proper Shipping Name	
Transport hazard class(s)	
Packing Group	
Hazard label(s)	
Environmental hazards	
Special precautions for user	
14.3 Sea Transport (IMDG)	Not classified as dangerous for transport
UN number	
Proper shipping name	
Transport hazard class(s)	
Packing group	
Marine Pollutant	
Special precautions for user	
14.4 Air Transport (ICAO/IATA)	
UN number	Not classified as dangerous for transport
Proper shipping name	
Transport hazard class(s)	
Packing Group	
Environmental hazards	
Special precautions for user	
14.5 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable

SECTION 15: REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

TSCA (Toxic Substance Control Act)	Inventory Status: All components listed or polymer exempt
RCRA Hazard Waste Number (40 FCR 261.33)	None
US RCRA Hazard Class	None
SARA 311/312 - Hazard Categories	None
Fire Sudden Release Reactivity Immediate (acute) Chronic (delayed)	
SARA 313 - Toxic Chemicals (40 CFR 372)	None
SARA 302 - Extremely Hazardous Substances	None

SECTION 16: OTHER INFORMATION

Additional Information	None
Revision Date	2/25/2020
The following sections contain revisions or new statements:	16

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