

SAFETY DATA SHEET

OSHA HCS (29 CFR 1910.1200) - GHS Classification

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Product identifier

Chemical Name	Mixture
Trade name	Chemical Mixture
CAS No.	Mixture

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

Identified use(s)	Anti fog / Lens cleaning Spray
Uses advised against	None.

Details of the supplier of the safety data sheet

Company Identification	IC Scientific Solutions 90 Canterbury Rd Westlake, OH 44145 +1 (216) 759 4040 lab@icscientificsolutions.com
Telephone	
E-Mail (competent person)	

Emergency telephone number

Emergency Phone No.	CHEMTREC 24 hr. (800) 424-9300 or +1 (703) 527-3887 (Collect call accepted)
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Product identifier

Chemical Name	Mixture
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SECTION 2: HAZARDS IDENTIFICATION

Classification of the substance or mixture

OSHA HCS (29 CFR 1910.1200) / GHS Classification	Not classified as dangerous for supply/use.
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Label elements

Hazard Symbol	None
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Other hazards

None

Additional Information

None

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Mixtures

Hazardous ingredient(s)	%W/W	CAS No.	Hazard statement(s)
Isopropyl Alcohol	<9	67-63-0	Highly flammable liquid and vapour. Causes serious eye irritation. May cause drowsiness or dizziness.
Other*	---	---	-----

* Ingredients present at <0.2% that do not contribute to the product's hazard classification.

Additional Information - None

SECTION 4: FIRST AID MEASURES



Description of first aid measures

Inhalation	If symptoms occur, obtain medical attention.
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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.
Most important symptoms and effects, both acute and delayed	None
Indication of the immediate medical attention and special treatment needed	None

SECTION 5: FIRE-FIGHTING MEASURES

Extinguishing media

-Suitable Extinguishing Media	Non-combustible
-Unsuitable Extinguishing Media	None anticipated.

Special hazards arising from the substance or mixture None

Advice for fire-fighters As appropriate for surrounding fire.
>90% Water - Will not support combustion

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures Not normally required.

Environmental precautions Not normally required.

Methods and material for containment and cleaning up Contain and cover spilled substance with dry sand or earth or other suitable dry material. Transfer to a container for disposal or recovery. Provide adequate ventilation.

Reference to other sections None

Additional Information None

SECTION 7: HANDLING AND STORAGE

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.

Conditions for safe storage, including any incompatibilities

-Storage Temperature	Store at room temperature.
-Incompatible materials	None

Specific end use(s) Optics cleaner solution

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Occupational Exposure Limits

SUBSTANCE.	CAS No.	LTEL (8 hr TWA ppm)		STEL (ppm)		Note:
		PEL (OSHA)	TLV (ACGIH)	PEL (OSHA)	TLV (ACGIH)	
Isopropyl alcohol	67-63-0	400	200	----	400	----

- LTEL: Long Term Exposure Limit; - STEL: Short Term Exposure Limit

Recommended monitoring method

NIOSH 1400

Exposure controls

Appropriate engineering controls

Not normally required.

Personal protection equipment

Eye/face protection



Not required under normal consumer use.

Industrial use: Safety spectacles

Skin protection (Hand protection/ Other)



Not required under normal consumer use.

Industrial use: Wear suitable gloves if prolonged skin contact is likely.

Respiratory protection



Not required under normal consumer use.

Industrial use: In case of inadequate ventilation wear respiratory protection.

Thermal hazards

Not normally required.

Environmental Exposure Controls

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Appearance	Liquid
Colour	Clear
Odour	Not available
Odour Threshold (ppm)	Not available
pH (Value)	7
Melting Point (°C) / Freezing Point (°C)	0
Boiling point/boiling range (°C):	100
Flash Point (°C)	>90% Water - Will not support combustion
Evaporation rate	Not available
Flammability (solid, gas)	Not applicable
Explosive limit ranges	Not available
Vapour Pressure (Pascal)	Not available
Vapour Density (Air=1)	Not available
Density (g/ml)	Not available
Specific Gravity	Not available
Solubility (Water)	Soluble
Solubility (Other)	Not known
Partition Coefficient (n-Octanol/water)	Not available
Auto Ignition Temperature (°C)	Not available
Decomposition Temperature (°C)	Not available
Kinematic Viscosity (mPa.s) @ 22°C	1
Explosive properties	Not explosive.
Oxidising properties	Not oxidising.

Other information

Not available

SECTION 10: STABILITY AND REACTIVITY

Reactivity	Stable under normal conditions.
Chemical stability	Stable.
Possibility of hazardous reactions	None anticipated.
Conditions to avoid	None known
Incompatible materials	None
Hazardous Decomposition Product(s)	None known

SECTION 11: TOXICOLOGICAL INFORMATION

Information on toxicological effects

Mixtures:

Acute toxicity	Not available.
Irritation	Not available.
Corrosivity	Not available.
Sensitisation	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.

Substances in preparations / mixtures:

Isopropyl Alcohol (CAS No.67-63-0)

Acute toxicity	Oral: LD50 = 5.84 g/kg (rat) Inhalation: LC50 > 10,000 ppm (rat) 6 hour(s) Dermal: LD50= 16.4 ml/kg (rabbit) 24 hour(s)
Irritant	Irritating to eyes.
Sensitisation	It is not a skin sensitizer.
Repeated dose toxicity	NOAEL = 5,000 ppm (Inhalation)
Other information	None known.

SECTION 12: ECOLOGICAL INFORMATION

Substances in preparations / mixtures:

Isopropyl Alcohol (CAS No.67-63-0)

Biodegradability	Biodegradable
Bioaccumulative potential	The product has no potential for bioaccumulation.
Acute toxicity	LC50(96 hour): 10,000 mg/l (Fathead minnow (<i>Pimephales promelas</i>)) LC50 (24hour(s)): >10,000 mg/l (<i>Daphnia magna</i>)
Long Term Toxicity	LC50 (7days): 7,060 ppm (<i>P. reticulata</i>)
Persistence and degradability	The organic part of the product is biodegradable.
Bioaccumulative potential	The product has no potential for bioaccumulation.
Mobility in soil	The product has high mobility in soil.
Results of PBT and vPvB assessment	Not classified as PBT or vPvB.
Other adverse effects	None known.

SECTION 13: DISPOSAL CONSIDERATIONS

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.
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

DOT (DEPARTMENT OF TRANSPORTATION)	Not classified as dangerous for transport.
UN number	
Proper Shipping Name	
Transport hazard class(es)	
Packing Group	
Hazard label(s)	
Environmental hazards	
Special precautions for user	

Land transport (ADR/RID)	Not classified as dangerous for transport.
UN number	
Proper Shipping Name	
Transport hazard class(es)	
Packing Group	
Hazard label(s)	
Environmental hazards	
Special precautions for user	

Sea transport (IMDG)	Not classified as dangerous for transport.
UN number	
Proper Shipping Name	
Transport hazard class(es)	
Packing Group	
Marine Pollutant	
Special precautions for user	

Air transport (ICAO/IATA)	Not classified as dangerous for transport.
UN number	
Proper Shipping Name	
Transport hazard class(es)	
Packing Group	
Environmental hazards	
Special precautions for user	

Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable.
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SECTION 15: REGULATORY INFORMATION

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 Hazardous Waste Number (40 CFR 261.33): None

US RCRA Hazard Class: None

SARA 311/312 - Hazard Categories: None



Iconic Clear 3 in 1 Micro formula Spray

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

The following sections contain revisions or new statements: 2

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