

Issue Date: 04/01/2007
Revision Date: 03/09/2018
Supersedes Date: 14/08/2017
Version Number: 03

SAFETY DATA SHEET

Product Code: SAFESPECAFL

PAGE 1 OF 6

1. PRODUCT IDENTIFICATION

Product: Safety Spectacles (Anti-fog)

2. HAZARD IDENTIFICATION

GHS-classification

Physical hazards

Health hazards

Flammable solid	Not classified
Acute toxicity (Oral, Inhalation, Dermal)	Not classified
Flammable solid	Not classified
Skin corrosion/irritation	Not classified
Serious eye damage/eye irritation	Not classified
Respiratory sensitization	Not classified
Skin sensitization	Not classified
Germ cell mutagenicity	Not classified
Carcinogenicity	Not classified
Reproductive toxicity	Not classified
Specific target organ toxicity – single exposure	Not classified
Specific target organ toxicity – repeated exposure	Not classified
Aspiration toxicity	Not classified
Acute aquatic toxicity	Not classified
Chronic aquatic toxicity	Not classified

Environmental hazards

*Hazards not stated here are "Not applicable" or "Classification not possible".

Precautionary statement

Prevention

Response

Storage

Disposal

Observe good industrial hygiene practices.
Get medical advice/attention if you feel unwell.
Store in a closed container.
Dispose of waste and residues in accordance with local authority requirements.

National/local information See section 15 for regulatory information.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Safety Spectacle

Components	CAS No.	Gazette Notification ENCs No.	ISHL No.
Polycarbonate resin	25971-63-5	(7)-738	(7)-738
Chemical formula:	(C15H16O2.CCl2O) x (25971-63-5)		

Anti-fog Solution

Ingredients	CAS No.
Water	0007732-18-5
Isopropyl Alcohol	67-63-0
Polymer/Solids	Proprietary

Issue Date: 04/01/2007

Revision Date: 03/09/2018

Supersedes Date: 14/08/2017

Version Number: 03

SAFETY DATA SHEET

Product Code: SAFESPECAFL

PAGE 2 OF 6

Note: Polymer/Solids components are proprietary, non-hazardous and/or present at amounts below reportable limits.

4. FIRST AID MEASURES

In case of inhalation: In case of inhalation of dusts or fumes from heated product: Move injured person into fresh air and keep person calm under observation. Get medical attention if any discomfort continues.

Skin contact: Wash with running water and non-abrasive soap. Get medical attention promptly if symptoms persist or occur after washing. If burned by contact with hot material, cool molten material adhering to skin as quickly as possible with water, and see a physician for removal of adhering material and treatment of burn. Wash contaminated clothing before re-using.

Eye contact: Dust in the eyes: Remove contact lenses. Do not rub eyes. Flush thoroughly with water for at least 15 minutes, keeping eyelids open. If irritation occurs, get medical assistance.

Ingestion: Rinse mouth thoroughly. Large quantities: Get medical attention if symptoms occur.

Expected acute and delayed symptoms: None.

Protection of first-aid responders: First aid personnel must be aware of own risk during rescue.

Notes to physician: Treat symptomatically.

5. FIRE FIGHTING MEASURES

Extinguishing media: Extinguish with foam, carbon dioxide, dry powder or water fog.

Extinguishing media to avoid: None.

Specific hazards: During fire, gases hazardous to health may be formed.

Special fire-fighting procedures: Use standard fire-fighting procedures and consider the hazards of other involved materials.

Protection of fire-fighters: Selection of respiratory protection for fire fighting: Follow the general fire precautions indicated in the workplace.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency measures: Avoid inhalation of dust. See Section 8 of the SDS for Personal Protective Equipment.

Environmental precautions: Do not allow to enter drains, sewers or watercourses.

Recovery and neutralization: Collect and dispose of spillage as indicated in Section 13 of the SDS.

Issue Date: 04/01/2007
Revision Date: 03/09/2018
Supersedes Date: 14/08/2017
Version Number: 03

SAFETY DATA SHEET

Product Code: SAFESPECAFL

PAGE 3 OF 6

7. HANDLING AND STORAGE

Handling

Technical measures: Use explosion-proof electrical equipment if airborne dust levels are high.

Local and general ventilation: Provide adequate ventilation.

Precautions: Use work methods which minimize dust production. Wear appropriate personal protective equipment.

Safe handling advice: Avoid inhalation of dust. Avoid prolonged or repeated contact with skin. Avoid vapors from heated materials to prevent exposure to potentially toxic/irritating fumes.

Storage

Technical measures: Avoid dust formation.

Suitable storage conditions: Store in closed original container in a dry place.

Safe packaging materials: Keep in original container.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering measures: Provide adequate ventilation.

Personal protective equipment

Respiratory protection: Wear respirator if there is dust formation. When the product is heated, use suitable respiratory equipment with gas filter for organic gas.

Hand protection: For prolonged or repeated skin contact, use suitable protective gloves. When material is heated, wear gloves to protect against thermal burns.

Eye protection: Use tight fitting goggles if dust is generated. If contact with hot material may occur, safety glasses and face shield are recommended.

Skin and body protection: No protection is ordinarily required under normal conditions of use.

Hygiene measures: Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

Issue Date: 04/01/2007
 Revision Date: 03/09/2018
 Supersedes Date: :14/08/2017
 Version Number: 03

SAFETY DATA SHEET

Product Code: SAFESPECAFL

PAGE 4 OF 6

9. PHYSICAL/CHEMICAL PROPERTIES

Appearance

Physical state

Solid.

Color

Natural.

Odor

None.

pH

Not applicable.

Melting point/Freezing point

> 240 °C

Boiling point, initial boiling point, and boiling range

Not applicable.

Flash point

> 522 °C

Auto-ignition temperature

> 550 °C

Combustion characteristics (solid, gas)

Not available.

Flammability limit - lower (%)

Not available.

Flammability limit - upper (%)

Not available.

Vapor pressure

Not applicable.

Vapor density

Not available.

Solubility

Insoluble in water.

Partition coefficient

Not available.

(n-octanol/water)

Decomposition temperature

Not available.

Other data

Molecular formula

(C₁₅H₁₆O₂.CCl₂O) x (25971-63-5)

10. STABILITY AND REACTIVITY

Stability: Stable under normal temperature conditions.

Possibility of hazardous reactions: Will not occur.

Conditions to avoid: None known.

Incompatible materials: No data available.

Hazardous decomposition products: During combustion: Carbon monoxide. Carbon Dioxide.

11. TOXICOLOGICAL INFORMATION

Acute toxicity: May cause discomfort if swallowed.

Skin corrosion/irritation: No adverse effects due to skin contact.

Serious eye damage/eye irritation: Dust in the eyes will cause irritation. May cause redness and pain.

Issue Date: 04/01/2007
Revision Date: 03/09/2018
Supersedes Date: 14/08/2017
Version Number: 03

SAFETY DATA SHEET

Product Code: SAFESPECAFL

PAGE 5 OF 6

Respiratory sensitizer: None known.
Skin sensitizer: None known.
Germ cell mutagenicity: None known.
Carcinogenicity: None known.
Toxic to reproduction: None known.

12. ECOLOGICAL INFORMATION

Ecotoxicity: The product components are not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.
Persistence/degradability: None known.
Bioaccumulation: None known.
Mobility in soil: The product is insoluble in water and will sediment in water systems.
Other hazardous effects: None known.

13. DISPOSAL CONSIDERATIONS

Residual waste: Dispose of waste at a facility with special permission to dispose industrial wastes. Waste should be accompanied by a manifest for the industrial waste. Dispose of in accordance with local regulations. Do not discharge into rivers, lakes, mountains, etc. because the product may affect the environment.
Contaminated packaging: Since emptied containers may retain product residue, follow label warnings even after container is emptied.

14. TRANSPORT INFORMATION

ADR
Not regulated as dangerous goods.
IATA
Not regulated as dangerous goods.
IMDG
Not regulated as dangerous goods.

15. REGULATORY INFORMATION

Industrial Safety and Health Law

Substances subject to notification: Not regulated.
Substances subject to labelling: Not regulated.



Head Office: 106 - 116 Epsom Road, Rosebery NSW 2018 AUSTRALIA

Branches in Melbourne, Brisbane, Perth

Phone: 1300 780 078 • (02) 9313 6111

Fax: (02) 9313 6444

NEW Website: www.livingstone.com.au

Email: sales@livingstone.com.au

Issue Date: 04/01/2007

Revision Date: 03/09/2018

Supersedes Date: 14/08/2017

Version Number: 03

SAFETY DATA SHEET

Product Code: SAFESPECAFL

PAGE 6 OF 6

Poisonous and Deleterious Substances Control Law: Not regulated.

Chemical Substances Control Law: Not regulated.

PRTR and Promotion of Chemical Management Law

Class 1 substances (substance name and cabinet order number): Not regulated.

Class 2 substances (substance name and cabinet order number): Not regulated.

Fire service law: Not dangerous goods under Fire Service Law.

16. OTHER INFORMATION

The information about colorant is not contained in this SDS.

Reason for Revision: To bring to date.

END OF SDS