



MATERIAL SAFETY DATA SHEET

PART NUMBERS: 92008900

SECTION 1 PRODUCT IDENTIFICATION AND MANUFACTURE

SUPPLIER: METPREP LTD.
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DESCRIPTION: Anti Mist Spray

PRODUCT: Condensation Spray

SECTION 2 SUBSTANCE HAZARD IDENTIFICATION

2.1 Classification of the substance or mixture
Classification according to Regulation (EC) No. 1272/2008 (CLP)
This mixture is not classified as hazardous according to Regulation (EC) No. 1272/2008

2.2 Label elements
Precautionary statements
P102 Keep out of reach of children
P210 Keep away from heat. No smoking

Special labelling of certain mixtures
EUH210 Safety data sheet available on request.

3. Composition/information on ingredients
3.2 Mixtures
Chemical characterisation
Cleaning product, contains water, alcohols, surfactant and colourings.

Hazardous components

EC No	Chemical name	Quantity
CAS No	Classification according to Directive 67/548/EEC	
Index No	Classification according to Regulation (EC) No. 1272/2008 (CLP)	
REACH		
200-661-7	Isopropanol	1 – 15%
67-63-0	F – Highly flammable, Xi – Irritant R11-36-67	
603-117-00-0	Flam – Liq. 2, Eye Irrit. 2, STOT SE 3; H225 H319 H336	

Full text of R-, H- and EUH-phrases: see section 16.



- 4. First Aid Measures**
- 4.1 Description of first aid measures**
- General information**
Remove soiled clothing
- After inhalation**
Upon irritation of the respiratory tract or mucous membranes (e.g. coughing),
Indisposition or prolonged exposure, consult a doctor.
- After contact with skin**
Wash contaminated skin areas thoroughly with soap and water
- After contact with eyes**
Rinse immediately with plenty of water, also under the eyelids
- After ingestion**
Clean mouth with water and drink plenty of water afterwards – If you feel
unwell, seek medical advice (show the label where possible)
- 4.2 Most important symptoms and effects, both acute and delayed**
No information available.
- 4.3 Indication of any immediate medical attention and special treatment
Needed.** No information available.
- 5. Firefighting Measures**
- 5.1 Extinguishing media**
- Suitable extinguishing media**
Foam, carbon dioxide (CO₂), chemical fire extinguisher, water spray mist.
- Unsuitable extinguishing media**
Extinguishing media which must not be used for safety reasons: High
volume water jet.
- 5.2 Special hazards arising from the substance or mixture**
Large quantities: Vapours may form explosive mixtures with air. Do not
Breathe in the vapours and combustion gases. Vapours are heavier than air
And spread at the soil. Pay attention in flashback.
- 5.3 Advice for firefighters**
Large quantities: In the event of fire, wear self-contained breathing apparatus.
- Additional information**
Water mist may be used to cool closed containers.
- 6. Accidental release measures.**
- 6.1 Personal precautions, protective equipment and emergency procedures.**
Avoid contact with eyes. Slipping hazard due to leakage.
- 6.2 Environmental precautions**
Do not flush into surface water or sanitary sewer system. Do not allow material
to contaminate ground water system.
- 6.3 Methods and material for containment and cleaning up.**
Large quantities: Soak up with inert absorbent material. Dispose of the material
Collected according to regulations.



6.4 Reference to other sections
refer to safety instructions (see sections 7 & 8)
suitable protective equipment. See section 8
Dispose of as described in section 13.

7. Handling and Storage

7.1 Precautions for safe handling

Advice on safe handling

No special action required if used correctly. Do not empty container with Pressure, it is not a pressurised container.

Advice on protection against fire and explosion

Keep away from sources of ignition – No Smoking.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Store sealed in the original container. Store in a cool place.

Further information on storage conditions

Protect from heat and direct sunlight.

8. Exposure controls/personal protection

Control parameters

Exposure limits (EH40)

CAS No	Substance	ppm	mg/m ³	Fibres/ml	Category	Origin
67-63-0	Propan-2-ol	400 500	999 1250		TWA (8 hl) STEL (15 min)	WEL WEL

8.2 Exposure controls

Protective and hygiene measures

Handle in accordance with good industrial hygiene and safety practice.

Eye/face protection

Not required. In case of risk of splashing, wear protective glasses.

Hand protection

No special measures are necessary when normal, good hygiene is practiced.

In the case of lengthy skin contact, protective gloves made out of: PVC

Skin protection

Not required

Respiratory protection

Not required

9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state : liquid
Colour : yellowish-orange
Test method :
pH-Value : approx 7.5

Changes in the physical state

Flash point: : <90°C
Vapour pressure (at 20°C): : <0.2 hPa
Density: : 1.01 g/cm³
Water solubility: : completely miscible
Viscosity/kinematic : 4.1 mm²/s



- 10 Stability and reactivity**
- 10.1 Reactivity**
No data available
- 10.2 Chemical stability**
Stable at normal conditions.
- 10.3 Possibility of hazardous reactions**
No data available.
- 10.4 Conditions to avoid**
No decomposition if used as directed
- 10.5 Incompatible materials**
No dangerous reactions are known
- 10.6 Hazardous decomposition products**
No dangerous decomposition products known.
- 11. Toxicological information**
- 11.1 Information on toxicological effects**
Toxicokinetics, metabolism and distribution
No data available on the product itself.

Acute toxicity

CAS No	Chemical name			
	Exposure routes	Method Dose	Species	Source
67-63-0	Isopropanol			
	oral	LD50 4710 mg/kg	rats	
	dermal	LD50 12800 mg/kg	rats	
	Inhalative (4 h) vapour	LD50 72.6 mg/l	rats	

Irritation and corrosivity

Contact with eyes may result in irritation

- 12. Ecological information**
- 12.1 Toxicity**
No data is available on the product itself.

CAS No	Chemical name				
	Aquatic toxicity	Method Dose	(h) l (d)	Species	Source
67-63-0	Isopropanol				
	Acute fish toxicity	LD50 1400mg/l	96 h	Lepomis macrochirus	
	Acute algae toxicity	ErC50 > 1000 mg/l	72 h	Desmodesmus Subspicatus	
	Acute Crustacean toxicity	EC50 13299 mg/l	48 h	Daphnia magna	

- 12.2 Persistence and degradability**
No data is available on the product itself.
The surface active substances of the product correspond to the requirements of the EC Detergent Regulation (EC/648/2004) concerning ultimate aerobic biodegradation of Tensides for washing and cleaning agents.



- 12.3 Bioaccumulative potential**
No data is available on the product itself.

Partition coefficient n-octanol/water

CAS No	Chemical name	Log Pow
67-63-0	Isopropanol	0.05

- 12.4 Mobility in soil**
No data is available on the product itself.

- 12.5 Results of PBT and vPvB assessment**
No data is available on the product itself.

- 12.6 Other adverse effects**
No data is available on the product itself.

- 13. Disposal considerations**
13.1 Waste treatment methods

Advice on disposal

Disposal in accordance with the official regulations. Product can be supplied in Accordance with local authority requirements and biological treatment plant.

Waste disposal number of waste from residues/unused products

070601 WASTES ORGANIC CHEMICAL PROCESSES; wastes from the MFSU of fats, grease, soaps, detergents, disinfectants and cosmetics; aqueous Washing liquids and other liquors. Classified as hazardous waste.

- 14. Transport information.**

Land transport (ADR/RID)

- 14.1 UN number** not regulated
14.2 UN proper shipping name not regulated
14.3 Transport hazard class(es) not regulated
14.4 Packing group not regulated

Other applicable information (land transport)

Not classified as dangerous regarding transport regulations.

Inland waterways transport (ADN)

- 14.1 UN number** not regulated
14.2 UN proper shipping name not regulated
14.3 Transport hazard classes not regulated
14.4 Packing group not regulated

Marine transport (IMDG)

- 14.1 UN number** not regulated
14.2 UN proper shipping name not regulated
14.3 Transport hazard class(es) not regulated

Other applicable information (marine transport)

Not classified as dangerous regarding transport regulations

- 14.1 Air transport (ICAO)**

- 14.2 UN number** not restricted
14.3 UN proper shipping name not restricted
14.3 Transport hazard class(es) not restricted

Other applicable information (marine transport)

Not classified as dangerous regarding transport regulations



- 14.5 Environmental hazards**
ENVIRONMENTALLY HAZARDOUS
- 14.6 Special precautions for user**
Not applicable
- 14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**
Not applicable
- 15. Regulatory information**
- 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
- EU regulatory information**
2004/42/EC (VOC): <=10%
- Additional information**
No Substances of Very High Concern (SVHC) according to REACH Article 57.
- National regulatory information**
- 15.2 Chemical safety assessment**
For this substance a chemical safety assessment has been carried out.
- 16. Other information**
- Relevant R-phrases (number and full text)**
- | | |
|----|--|
| 11 | Highly flammable |
| 36 | Irritating to eyes |
| 67 | Vapours may cause drowsiness and dizziness |
- Relevant H- and EUH-phrases (number and full text)**
- | | |
|--------|--|
| H225 | Highly flammable liquid and vapour |
| H319 | Causes serious eye irritation |
| H336 | May cause drowsiness and dizziness |
| EUH210 | Safety data sheets available on request. |

(The data for the hazardous ingredients were taken respectively from the last version of the Sub-contractor's safety data sheet)



SECTION 5	FIRE FIGHTING MEASURES
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5.1. Extinguishing media

Use extinguishing media appropriate to the surrounding fire conditions.

5.2. Special hazards arising from the substance or mixture

Burning produces irritating, toxic and obnoxious fumes.

5.3. Advice for firefighters

Wear self contained breathing apparatus and protective clothing.

SECTION 6	ACCIDENTAL RELEASE MEASURES
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6.1. Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation of the working area. Avoid contact with skin and eyes.

6.2. Environmental precautions

Do not allow product to enter drains. Prevent further spillage if safe.

6.3. Methods and material for containment and cleaning up

Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water.

6.4. Reference to other sections



**See section 8. EXPOSURE CONTROLS / PERSONAL PROTECTION for further information.
See section 13. DISPOSAL CONSIDERATIONS for further information.**



SECTION 7 HANDLING AND STORAGE

7.1. Precautions for safe handling

Ensure adequate ventilation of the working area. Avoid contact with eyes and skin. Adopt best Manual Handling considerations when handling, carrying and dispensing.

7.2. Conditions for safe storage, including any incompatibilities

Keep containers tightly closed. Keep in a cool, dry, well ventilated area. Store in correctly labelled containers.

7.3. Specific end use(s)

See section 1.2. Relevant identified uses of the substance or mixture and uses advised against for further information.

SECTION 8 EXPOSURE CONTROL/PERSONAL PROTECTION

8.1. Control parameters

Occupational exposure controls.

8.2. Exposure controls

8.2.1. Appropriate engineering controls	Ensure adequate ventilation of the working area.
8.2.2. Individual protection measures	Wear protective clothing.
Eye / face protection	Approved safety goggles.
Skin protection -	
Handprotection	Wear suitable gloves
Skin protection - Other	Wear suitable protective clothing.
Respiratory protection	Wear suitable respiratory equipment when necessary.
Occupational exposure controls	Keep away from food, drink and animal feeding stuffs.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance	Liquid
Colour	Yellow/Clear
Odour	Slight
pH	9
Viscosity	< 10 cps@20°C
Solubility	Soluble in water

9.2. Other information

Specific gravity	1 g/cm ³
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SECTION 10

STABILITY AND REACTIVITY PROPERTIES

10.1. Reactivity

Stable under normal conditions.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No data is available on this product.

10.4. Conditions to avoid

No data is available on this product.

10.5. Incompatible materials

No data is available on this product.

10.6. Hazardous decomposition products

No data is available on this product.

SECTION 11

TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Skin corrosion/irritation

May cause irritation to skin.

Serious eye damage/irritation

May cause irritation to eyes.

11.1.4. Toxicological Information

No data available

SECTION 12

ECOLOGICAL INFORMATION

12.1. Toxicity

No data available

12.2. Persistence and degradability

No data is available on this product.

12.3. Bioaccumulative potential

No data is available on this product.

12.4. Mobility in soil

No data is available on this product.

12.5. Results of PBT and vPvB assessment

No data is available on this product.

12.6. Other adverse effects

No data is available on this product.

SECTION 13

DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Dispose of in compliance with all local and national regulations.



SECTION 14

TRANSPORT INFORMATION

14.1. UN number

The product is not classified as dangerous for carriage.

14.2. UN proper shipping name

The product is not classified as dangerous for carriage.

14.3. Transport hazard class(es)

The product is not classified as dangerous for carriage.

14.4. Packing group

The product is not classified as dangerous for carriage.

14.5. Environmental hazards

The product is not classified as dangerous for carriage.

14.6. Special precautions for user

The product is not classified as dangerous for carriage.

No data is available on this product.

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

The product is not classified as dangerous for carriage.

No data is available on this product.

SECTION 15

REGULATORY INFORMATION

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

Regulations REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC,

COMMISSION REGULATION (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.

15.2. Chemical safety assessment

No data is available on this product.

SECTION 16

OTHER INFORMATION

Revision This document differs from the previous version in the following areas:
12 - 12.1. Toxicity.

Further information

The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process.