



ULA Group

MDG

MDG Neutral Fluid
SAFETY DATA SHEET
Compliant SDS for GHS: Australia & NZ



Section 1. Identification

GHS product identifier : MDG Neutral Fluid
Chemical name : Highly refined & filtered white mineral oil base
Other means of identification : MDG Neutral Fluid
Product type : Liquid

Identified uses

Fog Fluid for MDG Fog Generators: MAX APS Series (Me1, Me2, Me4, Me8, M3e, 3000, 5000 and 5000 H.O.), ATMOSPHERE APS Series (ATMe, ATM, and ATM H.O.), theONE Series, Industrial Series (Single, Dual, Mini Single and WTG), M4c, ADV Series (M3, M5 and ATM-1), Theme Pack Series and Fog Head Series.

Supplier/Manufacturer : MDG Fog Generators Ltd.
10301 av. Pelletier
Montreal, QC
Canada H1H 3R2
Tel: +1 514 272 6040
Toll free: +1 800 663 3020
Fax: +1 514 272 3229

Australian Authorised Distributor
ULA Group
1/28 Expo Court, Ashmore, QLD 4214
Tel: +61 7 5509 4633
Toll Free: 1300 852 476
Fax: +61 7 5509 4677
Email: info@ulagroup.com

Emergency telephone number(with hours of operation) : +61 7 5509 4633
1300 ULA GROUP (1300 852 476)
info@ulagroup.com
Monday to Friday, 8:30 am to 5:00 pm

Section 2. Hazards identification

OSHA/HCS status : While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.

Classification of the substance or mixture : Not classified.

GHS label elements

Signal word : No signal word.
Hazard statements : No known significant effects or critical hazards.

Precautionary statements

Prevention: Not applicable. **Response:** Not applicable. **Storage:** Not applicable. **Disposal:** Not applicable.

Hazards not otherwise classified (HNOC)

Physical Hazards not otherwise classified: (PHNO): None Known.



KMK Regulatory Services

NF-B4, NF-B5, NF-C20, NF-D200, NF-T1000

Section 3. Composition/information on ingredients

Substance/mixture: Substance
Chemical name: Highly refined & filtered white mineral oil base
Other means of identification: MDG Neutral Fluid

CAS number/other identifiers:

CAS number: : 8042-47-5
Product code: : NF-B4, NF-B5, NF-C20, NF-D200, NF-T1000

Ingredient name	%	CAS number
Highly refined & filtered white mineral oil base	>99.9	8042-47-5

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Occupational exposure limits, if available, are listed in Section 8.

Section 4. First aid measures

Description of necessary first aid measures

Eye contact: Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.

Inhalation: Move person to fresh air. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. Get medical attention if symptoms occur.

Skin contact: In case of contact, immediately flush skin with plenty of water for at least 20 minutes. Get medical attention if symptoms occur.

Ingestion: Wash out mouth with water. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.

Most important symptoms/effects, acute and delayed

Potential acute health effects

Eye contact: No known significant effects or critical hazards
Inhalation: No known significant effects or critical hazards.
Skin contact: No known significant effects or critical hazards.
Ingestion: No known significant effects or critical hazards.

Over-exposure signs/symptoms

Eye contact: No known significant effects or critical hazards.
Inhalation: No known significant effects or critical hazards.
Skin contact: No known significant effects or critical hazards.
Ingestion: No known significant effects or critical hazards.

If necessary, Indication of immediate medical attention and special treatment

Notes to physician: None identified.
Specific treatments: No specific treatment.
Protection of first-aiders: No special protection is required



Section 5. Fire Fighting measures

See toxicological information (Section 11)

Extinguishing media

Suitable extinguishing media :Use an extinguishing agent suitable for the surrounding fire.
 Unsuitable extinguishing media :None known.

Specific hazards arising from the chemical. :No specific fire or explosion hazard.
 Hazardous thermal decomposition products. :No specific data.

Special protective actions for fire-fighters. :No special measures are required.
 Special protective equipment for fire-fighters. :Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Section 6. Accidental release measures

Personal precautions, protective equipment and emergency procedure

Put on appropriate personal protective equipment

For emergency responders

If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

Environmental precautions:

Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

**Methods and materials for containment and cleaning up SPILL
 AS PER SOP.**



Section 7. Handling and storage

Precautions for safe handling
Protective measures.
Advice on general occupational hygiene.

- Put on appropriate personal protective equipment (see section 8)
- No special measures are required

Conditions for safe storage,
including any incompatibilities

- Store in accordance with local regulations. Minimum 2 years when stored in its original container that has never been opened, under normal temperatures (10 - 25°C), in dark and dry conditions

Section 8. Exposure controls/personal protection

Control parameters

Occupational exposure limits		TWA (8 hours)			STEL (15 mins)			Ceiling			Notations
Ingredient	List name	ppm	mg/m ³	Other	ppm	mg/m ³	Other	ppm	mg/m ³	Other	
Highly refined & filtered white mineral oil base	US ACGIH 4/2014	-	5	-	-	-	-	-	-	-	[a] [b] [b] [b]
	AB 4/2009	-	5	-	-	10	-	-	-	-	
	BC 7/2013	-	1	-	-	-	-	-	-	-	
	ON 1/2013	-	5	-	-	10	-	-	-	-	
	QC 1/2014	-	5	-	-	10	-	-	-	-	

Form: (a) alpha label fraction [b]Mist

Appropriate engineering controls.

Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

Environmental exposure controls.

Not applicable.

**Individual protection measures
Hygiene measures**

Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Ensure that eyewash stations and safety showers are close to the workstation location.

**Eye/face protection
Skin protection.**

None required.

**Hand protection
Body protection**

None required.
None required.

**Other skin protection
Respiratory protection**

Not applicable.

Section 9. Physical and chemical properties

Appearance

Physical state	: Liquid.
Color	: Colorless.
Odor	: Odorless.
Odor threshold	: Not available.
pH	: Not available.
Melting point	: Not available.
Boiling point	: >271°C (>519.8°F)
Flash point	: Open cup: >180°C (>356°F) [Cleveland.]
Evaporation rate	: <1 (Butyl acetate = 1)
Flammability (solid, gas)	: Not available.
Lower and upper explosive (flammable) limits	: Not available.
Vapor pressure	: <0.000013 kPa (<0.0001 mm Hg) [room temperature]
Vapor density	: >1 [Air = 1]
Relative density	: >1 [Air = 1]
Solubility	: 0.85
Partition coefficient:	: 0.85
n-octanol/water	: Insoluble in water.
Auto-ignition temperature	: Not available.
Decomposition temperature	: Not available.
Viscosity	: Dynamic (room temperature): 16 mPa-s (16 cP)
Volatility	: Not available.
VOC (w/w)	: 0 % (w/w)

Section 10. Stability and reactivity

Reactivity	: No specific test data related to reactivity available for this product or its ingredients.
Chemical stability	: The product is stable.
Possibility of hazardous reactions	: Under normal conditions of storage and use, hazardous reactions will not occur.
Conditions to avoid	: No specific data.
Incompatible materials	: None known.
Hazardous decomposition products	: Under normal conditions of storage and use, hazardous decomposition products should not be produced.



Section 11. Toxicological information

Information on toxicological effects

Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
Highly refined & filtered white mineral oil base	LD50 Oral	Rat	>5000 mg/kg	-

Irritation/Corrosion

There is no data available.

Sensitization

There is no data available.

Carcinogenicity

Classification

Product/ingredient name	OSHA	IARC	NTP	ACGIH	EPA	NIOSH
Highly refined & filtered white mineral oil base	-	-	-	A4	-	-

Specific target organ toxicity (single exposure)

There is no data available.

Specific target organ toxicity (repeated exposure)

There is no data available.

Aspiration hazard

There is no data available.

Information on the likely routes of exposure : Dermal contact. Eye contact. Inhalation. Ingestion.

Potential acute health effects

Eye contact : No known significant effects or critical hazards.
Inhalation : No known significant effects or critical hazards.
Skin contact : No known significant effects or critical hazards.
Ingestion : No known significant effects or critical hazards.

Symptoms related to the physical, chemical and toxicological characteristics

Eye contact : No known significant effects or critical hazards.
Inhalation Skin contact : No known significant effects or critical hazards.
Ingestion : No known significant effects or critical hazards.

Delayed and immediate effects and also chronic effects from short and long term exposure

Short term exposure
Potential immediate effects: : No known significant effects or critical hazards
Potential delayed effects: : No known significant effects or critical hazards.
Long term exposure
Potential immediate effects: : No known significant effects or critical hazards.



Section 11. Toxicological information

Potential delayed effects

No known significant effects or critical hazards

Potential chronic health effects

General

Carcinogenicity : No known significant effects or critical hazards.
Mutagenicity: No known significant effects or critical hazards.
Teratogenicity: No known significant effects or critical hazards.

Developmental effects: No known significant effects or critical hazards.
Fertility effects: No known significant effects or critical hazards.

Numerical measures of toxicity

Acute toxicity estimates: There is no data available.

Section 12. Ecological information

Toxicity

There is no data available.

Persistence and degradability

There is no data available.

Bio accumulative potential

There is no data available.

Mobility in soil

Soil/water partition coefficient (KOC) : There is no data available.

Mobility : There is no data available.

Other adverse effects : No known significant effects or critical hazards.

Section 13. Disposal considerations

Disposal methods

: Disposal should be in accordance with applicable regional, national and local laws and regulations.

Section 14. Transport information

DOT	TDG / NOM-003-SCT	IMDG	IATA	
UN number	Not regulated.	Not regulated.	Not regulated.	Not regulated.
UN proper shipping name	-	-	-	-
Transport hazard class	-	-	-	-
Packing group	-	-	-	-
Environmental hazards	No.	No.	No.	No.

AERG: Not Applicable.

Special precautions for user: Transport within user's premises: always transport in closed containers that are upright and secure.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code: Not available

Section 15. Regulatory information

U.S. Federal regulations

: United States inventory (TSCA 8b): This material is listed or exempted.
: Not listed

Clean Air Act Section 112 (b)

Hazardous Air Pollutants (HAPs) : Not listed

Clean Air Act Section 602

Class I Substances : Not listed

Clean Air Act Section 602

Class II Substances : Not listed

DEA List I Chemicals

(Precursor Chemicals) : Not listed

DEA List I Chemicals

(Precursor Chemicals)

SARA 302/304

Composition/information on ingredients

No products were found.

SARA 304 RQ : Not applicable.

SARA 311/31 : Not applicable.

Classification

: This material is not list

State regulations

CEPA Toxic substances : This material is not listed.

Canada inventory : This material is listed or exempted.



International lists

Australia	This material is listed or exempted.
China	This material is listed or exempted.
Europe	This material is listed or exempted.
Japan	Not determined.
Malaysia	Not determined.
New Zealand	This material is listed or exempted.
Philippines	This material is listed or exempted.
Republic of Korea	This material is listed or exempted.
Taiwan	Not determined.

Section 16. Other information

Notice to reader

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

On behalf of the ULA Group Australia & New Zealand

Name: Dominic Biviano

Compliance/Policy/WHS.

Controlled Document. Reviewed March 2021.
Uncontrolled when printed. Please seek authors
permission prior to copying in part or whole, for
purpose/s outside its intended scope. Next Review
February 2023.

Signature: 
Dominic Biviano: Policy/Compliance/WHS.
© ULA GROUP ALL RIGHTS RESERVED

