



Material Safety Data Sheet

and Safe Handling and Disposal Information

Section 1. Chemical Product and Company Identification

Product name METER MIST PINK GRAPEFRUIT
Product Use Odor Counteractant
Product Code 3341
Date of issue 12/02/09 **Supersedes** 02/15/07

Emergency Telephone Numbers For MSDS Information:
Technical Services Group
Zep Inc.
Telephone: (780) 453-8100 (Business Hours 8:00-5:00)

For a Medical or Transportation Emergency:
CANUTEC (24 Hours)
(613) 996-6666 - Call Collect

Prepared by Technical Services Group
Zep Inc.
11627 178th Street
Edmonton, Alberta T5S 1N6

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Section 2. Composition, Information on Ingredients

Name of Hazardous Ingredients	CAS #	% by Weight	Toxicity Data			
ACETONE; dimethyl ketone	67-64-1	40 - 70	LD50	Mouse.	Oral	9750 mg/kg
			LD50	Rabbit.	Dermal	20000 mg/kg
			LC50	Rat	Inhalation	16000 ppm (4 hour(s))
2-(2-ETHOXYETHOXY)-ETHANOL; diethylene glycol monoethyl ether, ethoxydiglycol	111-90-0	10 - 30	LD50	Rat	Oral	10502 mg/kg
			LD50	Mouse	Oral	6301 mg/kg
			LD50	Rabbit	Dermal	9143 mg/kg
			LC50	Rat	Inhalation	>200 mg/l (1 hour(s))
ETHANOL; ethyl alcohol; grain alcohol	64-17-5	1 - 5	LD50	Rat	Oral	7060 mg/kg
			LC50	Rat	Inhalation	20000 mg/m ³ (4 hour(s))
PROPANE; liquefied petroleum gas	68476-85-7	10 - 30	Not available.	Not available.	Not available.	Not available.

Section 3. Hazards Identification

Acute Effects

Routes of Entry

Skin Non-irritating under recommended conditions of use. Prolonged or repeated contact may dry skin and cause irritation.

Eyes Direct contact may cause irritation and redness.

Inhalation Non-irritating under recommended conditions of use. Overexposure by inhalation may cause respiratory irritation.

Ingestion Unlikely in this form.

Chronic Effects No known chronic effects from exposure

Additional information : See Toxicological Information (section 11)

Section 4. First Aid Measures

Eye Contact Check for and remove any contact lenses. Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Get medical attention.

Skin Contact Wash with soap and water. If irritation persists, get medical attention.

Inhalation If inhaled, remove to fresh air. If irritation persists, get medical attention.

Ingestion Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention if symptoms appear.

Section 5. Fire Fighting Measures

Flash Point Non-flammable (CSMA) **Flammable Limits** Not applicable.

Flammability Not applicable.

Auto-ignition Temperature

Fire-Fighting Procedures Cool closed containers exposed to fire with water.

Fire Hazard Container explosion may occur under fire conditions or when heated.

Products of Combustion Carbon oxides (CO, CQ) and unspecified organic materials.

Explosion hazard

Section 6. Accidental Release Measures**Spill Clean up** Spills are unlikely due to packaging.**Section 7. Handling and Storage****Handling** Avoid breathing vapors or spray mists. Avoid contact with eyes.**Storage** Do not puncture, incinerate, or store the container at temperatures above 49°C (120°F) or in direct sunlight.**Section 8. Exposure Controls, Personal Protection****Engineering Controls** Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective occupational exposure limits. Ensure that eyewash stations and safety showers are proximal to the work-station location.**Personal Protection****Eyes** Recommended: Safety glasses.**Hands and Body** No special protective clothing is required**Respiratory** Avoid direct inhalation of spray.**Protective Clothing (Pictograms)****Exposure Limits**

Name of Hazardous Ingredients	CAS #	Exposure Limits
Acetone	67-64-1	ACGIH TLV / OSHA PEL (United States). TWA: 750 ppm 8 hour(s). ACGIH / OSHA (United States). STEL: 1000 ppm 15 minute(s).
Propane	68476-85-7	ACGIH TLV (United States). : 800 ppm 8 hour(s). OSHA PEL (United States). TWA: 1000 ppm 8 hour(s).
Ethanol	64-17-5	ACGIH TLV / OSHA PEL (United States). TWA: 1000 ppm 8 hour(s)

Consult local authorities for acceptable exposure limits.**Section 9. Physical and Chemical Properties****Physical State** Liquid. (Aerosol.)**pH** Not available.**Boiling Point** 55.6°C (132°F) - Initial**Freezing Point** Not available.**Specific Gravity** 0.811 (Water = 1)**Solubility** Partially soluble in water.**Color** Colorless.**Odor** Pleasant. Grapefruit.**Vapor Pressure** Not available.**Vapor Density** Not available.**Evaporation Rate** Not available.**VOC (Consumer)** 29.8% 240.7 (g/l).**Section 10. Stability and Reactivity****Stability and Reactivity** The product is stable.**Incompatibility** None identified.**Reactivity** Will not occur.**Hazardous Decomposition Products** Carbon oxides (CO, CQ) and unspecified organic materials.**Section 11. Toxicological Information****Carcinogenic Effects** Ingredients: Not listed as carcinogen by OSHA, NTP or IARC.**Reproductive Effects****Mutagenic Effects****Teratogenic Effects****Section 12. Ecological Information****Ecotoxicity** Not available.**Biodegradable/OECD** Not available.**Section 13. Disposal Considerations**

Waste Information Waste must be disposed according to applicable regulations. Consult your local or regional authorities.

Waste Stream Code: - (Not applicable).
Classification: - (Non-hazardous waste)

Section 14. Transport Information

Regulatory Information	UN number	Proper shipping name	Class	Packing Group	Label	Additional information
TDG Classification	1950	Aerosols, non-flammable	2.2	-		Explosive Limit and Limited Quantity Index 1

Limited Quantity: Small quantities of controlled goods are not regulated as Dangerous Goods according to the TDG regulations.

Section 15. Regulatory Information**WHMIS (Canada)**

Class A: Compressed gas.

Class D-2B: Material causing other toxic effects (TOXIC).

Other Regulations

This product has been classified according to the hazard criteria of the CPR and the MSDS contains all of the available information required by the CPR.

Section 16. Other Information

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.