

MATERIAL SAFETY DATA SHEET

Naked Gun Aerosol Gun Cleaner

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Printed: 07/22/2008
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1. Product and Company Identification

Product Code: A17056
Product Name: Naked Gun Aerosol Gun Cleaner
Manufacturer Information
Company Name: W. M. Barr
2105 Channel Avenue
Memphis, TN 38113
Phone Number: (901)775-0100
Emergency Contact: 3E 24 Hour Emergency Contact (800)451-8346
Information: W.M. Barr Customer Service (800)398-3892
Web site address: www.wmbarr.com
Preparer Name: W.M. Barr EHS Dept (901)775-0100
Synonyms
ENGC11131

2. Composition/Information on Ingredients

Hazardous Components (Chemical Name)	CAS #	Concentration	OSHA PEL	ACGIH TWA	ACGIH STEL
1. Acetone	67-64-1	40.0 -65.0 %	1000 ppm	500 ppm	750 ppm
2. SC-100 Solvent	64742-95-6	<10.0 %	No data.	No data.	No data.
3. Ethanol, 2-Butoxy- {Ethylene glycol n-butyl ether, (a glycol ether)}	111-76-2	<10.0 %	50 ppm	20 ppm	No data.
4. m-Xylene {Benzene, m-Dimethyl-}	108-38-3	<10.0 %	No data.	100 ppm	150 ppm
5. p-Xylene {Benzene, p-Dimethyl-}	106-42-3	<10.0 %	No data.	100 ppm	150 ppm
6. o-Xylene {Benzene, o-Dimethyl-}	95-47-6	<10.0 %	No data.	100 ppm	150 ppm
7. Ethylbenzene {Ethylbenzol; Phenylethane}	100-41-4	<10.0 %	100 ppm	100 ppm	125 ppm
8. Methanol {Methyl alcohol; Carbinol; Wood alcohol}	67-56-1	<20.0 %	200 ppm	200 ppm	250 ppm
9. Methyl ethyl ketone {MEK; 2-Butanone}	78-93-3	<10.0 %	200 ppm	200 ppm	300 ppm
10. Propylene glycol methyl ether acetate {(not 313)}	108-65-6	<10.0 %	No data.	No data.	No data.
11. Liquefied petroleum gas, sweetened {Propane-isobutane-n-butane}	68476-86-8	10.0 -20.0 %	No data.	No data.	No data.

3. Hazards Identification

Emergency Overview

Danger. Poison. Extremely Flammable. May be fatal or cause blindness if swallowed. Vapor harmful. Eye & skin irritant. Contents under pressure.

OSHA Regulatory Status:

This material is classified as hazardous under OSHA regulations.

Potential Health Effects (Acute and Chronic)

INHALATION EFFECTS:

Vapor harmful. High concentrations of this material may lead to central nervous system effects, such as dizziness, headaches, nausea, drowsiness, paralysis, loss of consciousness, and even death. May cause watering and irritation of the eyes, nose, throat, and lungs. May cause irritation of the respiratory tract. Other effects may include nasal discharge, hoarseness, coughing, chest pain, and breathing difficulty.

Repeated or prolonged exposure to solvents may cause liver and kidney damage.

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Intentional misuse of this product by deliberately concentrating and inhaling can be harmful or fatal. Elevated carboxyhemoglobin levels can be additive to the increase caused by smoking and other carbon monoxide sources.

SKIN EFFECTS:

Repeated or prolonged contact with the skin can result in defatting and drying of the skin which may result in skin irritation and dermatitis. Symptoms may include redness, burning, drying, cracking of the skin, and burning of the skin. Skin contact may aggravate an existing dermatitis condition. May be absorbed through the skin.

EYE CONTACT EFFECTS:

Contact with the eyes may cause moderate to severe irritation. May cause slight to moderate corneal injury. Effects may include discomfort, pain, tearing, stinging, watering of the eyes, redness, and/or change of vision. Vapors may cause eye irritation, seen as mild discomfort and redness.

INGESTION EFFECTS:

Danger! Poison. Harmful if swallowed. Product may be harmful or fatal if swallowed. Pulmonary aspiration hazard. After ingestion, may enter lungs and produce damage. May produce central nervous system effects, which may include dizziness, loss of balance and coordination, unconsciousness, coma and even death. Irritating to the mouth, throat, and stomach.

LD 50 / LC 50

No data available for this product as a whole.

Signs and Symptoms Of Exposure

See Potential Health Effects.

Medical Conditions Generally Aggravated By Exposure

Preexisting disorders and conditions of the following organs, or organ systems, may be aggravated by exposure to this material: skin, lungs, liver, kidney, central nervous system, pancreas, heart, chronic lung disease, coronary artery diseases, or anemias.

4. First Aid Measures

Emergency and First Aid Procedures**Skin:**

Remove contaminated clothing. Immediately wash skin thoroughly with large amounts of water and mild soap, if available. Seek medical attention if irritation develops or persists.

Eyes:

Immediately begin to flush eyes with water, remove any contact lens. Continue to flush the eyes for at least 15 minutes. Seek medical attention.

Inhalation:

Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention.

Ingestion:

If swallowed, do NOT induce vomiting. Seek immediate medical attention. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.

Note to Physician

This product contains methanol which can cause intoxication and central nervous system depression. Methanol is metabolized to formic acid and formaldehyde. These metabolites can cause metabolic acidosis, visual disturbances and blindness. Since metabolism is required for these toxic symptoms, their onset may be delayed from 6 to 30 hours following ingestion. Ethanol competes for the same metabolic pathway and has been used to prevent methanol metabolism. Ethanol administration is indicated in symptomatic patients or at blood methanol

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concentrations above 20 ug/dl. Methanol is effectively removed by hemodialysis.

5. Fire Fighting Measures

Flash Pt: No data.
Explosive Limits: LEL: No data. UEL: No data.

Fire Fighting Instructions

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH approved or equivalent) and full protective gear.

Self-contained respiratory protection should be provided for fire fighters fighting fires in buildings or confined areas.

Storage containers exposed to fire should be kept cool with water spray to prevent pressure build-up.

Stay away from heads of containers that have been exposed to intense heat or flame.

Containers can build up pressure if exposed to heat (fire).

Flammable Properties and Hazards

EXTREMELY FLAMMABLE.

Flashpoint of liquid concentrate: ~10 F (SCC)

Flashpoint of propellant: -142.5 F (closed cup)

Hazardous Combustion Products

Decomposition may produce carbon monoxide and carbon dioxide.

Extinguishing Media

Dry chemical, CO₂, alcohol-resistant foam or water spray.

Unsuitable Extinguishing Media

None known.

6. Accidental Release Measures

Steps To Be Taken In Case Material Is Released Or Spilled

Keep unnecessary people away; isolate hazard area and deny entry. Stay upwind, out of low areas, and ventilate closed spaces before entering. Shut off ignition sources; keep flames, smoking or flames out of hazard area.

Small Spills: take up liquid with sand, earth or other noncombustible absorbent material and place in a plastic container where applicable.

Large Spills: dike far ahead of spill for later disposal.

7. Handling and Storage

Precautions To Be Taken in Handling

Danger! Contents under pressure. Do not puncture or incinerate.

"Empty" containers retain product residue (liquid and/or vapor) and can be dangerous. DO NOT PRESSURIZE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND, OR EXPOSE SUCH CONTAINERS TO HEAT, FLAME, SPARKS, STATIC ELECTRICITY, OR OTHER SOURCES OF IGNITION. THEY MAY EXPLODE AND CAUSE INJURY OR DEATH. Empty drums should be completely drained, properly bunged and promptly returned to a drum reconditioner, or properly disposed of.

Keep away from sources of ignition. Ground and bond containers when transferring material.

Precautions To Be Taken in Storing

Keep container closed when not in use. Do not store in direct sunlight. Store in a tightly closed container. Store in cool, dry area.

8. Exposure Controls/Personal Protection

Respiratory Equipment (Specify Type)

A respiratory protection program that meets OSHA's 29 CFR 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use.

A dust mask does not provide protection against vapors.

Eye Protection

Safety glasses, with sideshields, chemical goggles or faceshields are recommended to safeguard against potential eye contact.

Protective Gloves

Wear impermeable gloves.

Other Protective Clothing

Various application methods can dictate the use of additional protective safety equipment, such as impermeable aprons to minimize exposure.

Engineering Controls (Ventilation etc.)

Use only with adequate ventilation to prevent the buildup of vapors. Do not use in areas where vapors can accumulate and concentrate. Whenever possible, use outdoors in an open air area. If using indoors, open all windows and doors and maintain a cross ventilation of moving fresh air across the work area away from the individual. If strong odor is noticed or you experience slight dizziness, headache, nausea, or other signs of inhalation exposure, STOP. The ventilation is inadequate. Leave the area immediately.

Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits.

Work/Hygienic/Maintenance Practices

A source of clean water should be available in the work area when handling this product. Wash hands thoroughly after use and before eating, drinking, or smoking. Do not eat, drink, or smoke in the work area. Discard any clothing or other protective equipment that cannot be decontaminated.

9. Physical and Chemical Properties

Physical States:	<input checked="" type="checkbox"/> Gas	<input checked="" type="checkbox"/> Liquid	<input type="checkbox"/> Solid
Melting Point:	No data.		
Boiling Point:	No data.		
Autoignition Pt:	No data.		
Flash Pt:	No data.		
Explosive Limits:	LEL: No data.	UEL: No data.	
Specific Gravity (Water = 1):	0.808		
Bulk density:	6.755 LB/GL		
Vapor Pressure (vs. Air or mm Hg):	29.45 MM HG at 68.0 F		
Vapor Density (vs. Air = 1):	> 1		
Evaporation Rate (vs Butyl Acetate=1):	> 1		
Solubility in Water:	No data.		
Solubility Notes			

Partly soluble in water.

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Percent Volatile: 100.0 %
VOC / Volume: 2.8300 LB/GL
Corrosion Rate: No data.
pH: No data.

Appearance and Odor

Liquid, mobile, free and clear.

10. Stability and Reactivity

Stability: Unstable [] Stable [X]

Conditions To Avoid - Instability

No data available.

Incompatibility - Materials To Avoid

Chromic anhydride, chromyl alcohol, hexachloromelamine, hydrogen peroxide, permonosulfuric acid, potassium tertbutoxide, and thioglycol. Strong oxidizers and acids. Nitric acid, sulfuric acid. Avoid contact with reactive metals, such as aluminum and magnesium.

Hazardous Decomposition Or Byproducts

Combustion may produce carbon monoxide, carbon dioxide, and other asphyxiants.

Hazardous Polymerization: Will occur [] Will not occur [X]

Conditions To Avoid - Hazardous Polymerization

No data available.

11. Toxicological Information

No data available.

Carcinogenicity/Other Information

No data available.

Hazardous Components (Chemical Name)	CAS #	NTP	IARC	ACGIH	OSHA
1. Acetone	67-64-1	n.a.	n.a.	A4	n.a.
2. SC-100 Solvent	64742-95-6	n.a.	n.a.	n.a.	n.a.
3. Ethanol, 2-Butoxy- {Ethylene glycol n-butyl ether, (a glycol ether)}	111-76-2	Possible	2B	A3	No
4. m-Xylene {Benzene, m-Dimethyl-}	108-38-3	n.a.	n.a.	A4	n.a.
5. p-Xylene {Benzene, p-Dimethyl-}	106-42-3	n.a.	n.a.	A4	n.a.
6. o-Xylene {Benzene, o-Dimethyl-}	95-47-6	n.a.	n.a.	A4	n.a.
7. Ethylbenzene {Ethylbenzol; Phenylethane}	100-41-4	No	2B	A3	No
8. Methanol {Methyl alcohol; Carbinol; Wood alcohol}	67-56-1	n.a.	n.a.	n.a.	n.a.
9. Methyl ethyl ketone {MEK; 2-Butanone}	78-93-3	n.a.	n.a.	n.a.	n.a.
10. Propylene glycol methyl ether acetate {(not 313)}	108-65-6	n.a.	n.a.	n.a.	n.a.
11. Liquefied petroleum gas, sweetened {Propane-isobutane-n-butane}	68476-86-8	n.a.	n.a.	n.a.	n.a.

12. Ecological Information

No data available.

13. Disposal Considerations

Waste Disposal Method

Dispose of in accordance with all applicable local, state, and federal regulations.

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14. Transport Information

LAND TRANSPORT (US DOT)

DOT Proper Shipping Name

No data available.

Additional Transport Information

For D.O.T. information, contact W.M. Barr Technical Services at 1-800-398-3892.

15. Regulatory Information

US EPA SARA Title III

Hazardous Components (Chemical Name)	CAS #	Sec.302 (EHS)	Sec.304 RQ	Sec.313 (TRI)	Sec.110
1. Acetone	67-64-1	No	Yes 5000 LB	No	Yes
2. SC-100 Solvent	64742-95-6	No	No	No	No
3. Ethanol, 2-Butoxy- {Ethylene glycol n-butyl ether, (a glycol ether)}	111-76-2	No	No	Yes-Cat. N230	No
4. m-Xylene {Benzene, m-Dimethyl-}	108-38-3	No	Yes 1000 LB	Yes	No
5. p-Xylene {Benzene, p-Dimethyl-}	106-42-3	No	Yes 100 LB	Yes	Yes
6. o-Xylene {Benzene, o-Dimethyl-}	95-47-6	No	Yes 1000 LB	Yes	No
7. Ethylbenzene {Ethylbenzol; Phenylethane}	100-41-4	No	Yes 1000 LB	Yes	Yes
8. Methanol {Methyl alcohol; Carbinol; Wood alcohol}	67-56-1	No	Yes 5000 LB	Yes	No
9. Methyl ethyl ketone {MEK; 2-Butanone}	78-93-3	No	Yes 5000 LB	No	Yes
10. Propylene glycol methyl ether acetate {(not 313)}	108-65-6	No	No	Yes-Cat. N230	No
11. Liquified petroleum gas, sweetened {Propane-isobutane-n-butane}	68476-86-8	No	No	No	No

SARA (Superfund Amendments and Reauthorization Act of 1986) Lists:

- Sec.302:** EPA SARA Title III Section 302 Extremely Hazardous Chemical with TPQ. * indicates 10000 LB TPQ if not volatile.
- Sec.304:** EPA SARA Title III Section 304: CERCLA Reportable + Sec.302 with Reportable Quantity. ** indicates statutory RQ.
- Sec.313:** EPA SARA Title III Section 313 Toxic Release Inventory. Note: -Cat indicates a member of a chemical category.
- Sec.110:** EPA SARA 110 Superfund Site Priority Contaminant List

EPA Hazard Categories:

This material meets the EPA 'Hazard Categories' defined for SARA Title III Sections 311/312 as indicated:

- Yes No Acute (immediate) Health Hazard
- Yes No Chronic (delayed) Health Hazard
- Yes No Fire Hazard
- Yes No Sudden Release of Pressure Hazard
- Yes No Reactive Hazard

16. Other Information

Company Policy or Disclaimer

The information contained herein is presented in good faith and believed to be accurate as of the effective date shown above. This information is furnished without warranty of any kind. Employers should use this information only as a supplement to other information gathered by them and must make independent determination of suitability and completeness of information from all sources to assure proper use of these materials and the safety and health of employees. Any use of this data and information must be determined by the user to be in accordance with applicable federal, state and local laws and regulations.