

## Sunshine

MSDS Number: A220G

Revision Date: 2/13/2015

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## PRODUCT AND COMPANY IDENTIFICATION

## Manufacturer

Wechem, Inc  
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Harahan, LA 70123

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**Product Name:** Sunshine  
**Revision Date:** 2/13/2015  
**MSDS Number:** A220G  
**Product Code:** A220  
**Product Use:** Wood & Furniture Cleaner / Polish

Emergency Telephone Number:  
INFOTRAC  
1-800-535-5053

## HAZARDS IDENTIFICATION

<b>Route of Entry:</b>	Ingestion, skin absorption, eye, inhalation
<b>Target Organs:</b>	NA
<b>Inhalation:</b>	Not available.
<b>Skin Contact:</b>	No adverse effects due to skin contact are expected.
<b>Eye Contact:</b>	May cause temporary irritation.
<b>Ingestion:</b>	Droplets of the product aspirated into the lungs through ingestion or vomiting may cause a serious chemical pneumonia.

PERSONAL PROTECTION INDEX													
A					G	+  +							
B	+				H	+  +  +							
C	+  +				I	+  +							
D	+  +				J	+  +  +							
E	+  +				K	+  +  +							
F	+  +  +				X	Consult your supervisor or S.O.P. for "SPECIAL" handling directions							
A		n		o		p		q		r		s	
Safety Glasses      Splash Goggles      Face Shield & Eye Protection      Gloves      Boots      Synthetic Apron      Full Suit													
t		u		w		y		z		Additional Information			
Dust Respirator      Vapor Respirator      Dust & Vapor Respirator      Full Face Respirator      Airline Hood													

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GHS Signal Word:

DANGER

GHS Hazard Pictograms:



GHS Classifications:

Physical, Flammable Aerosols, 1  
Health, Aspiration hazard, 1

GHS Phrases:

H222 - Extremely flammable aerosol  
H304 - May be fatal if swallowed and enters airways

GHS Precautionary Statements:

P210 - Keep away from heat/sparks/open flames/hot surfaces. No smoking  
P211 - Do not spray on an open flame or other ignition source.  
P251 - Pressurized container: Do not pierce or burn, even after use.  
P301+310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.  
P331 - Do NOT induce vomiting.  
P302 - IF ON SKIN: Wash with plenty of water. Get medical attention immediately.  
P305+351+338 - IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do.  
Continue rinsing.  
P315 - Get immediate medical advice/attention.  
P304 - IF INHALED: Move to fresh air. Get medical attention if symptoms persist.  
P405 - Store locked up.  
P410+412 - Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F  
P501 - Dispose of contents/container in accordance with local/regional/national/international regulations.

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### COMPOSITION/INFORMATION ON INGREDIENTS

#### Ingredients:

Cas #	Chemical Name	Perc.	OSHA PEL (ppm)	ACGIH TLV(ppm)	Carcin. Ref.
64742-47-8	Distillates, petroleum, hydrotreated light	10-20%	NA	NA	D
106-97-8	Butane	2.5-10%	NA	1000	D
74-98-6	Propane	2.5-10%	1000	NA	D
8042-47-5	white mineral oil	2.5-10%	100	100	D
Other components below reportable levels		60-80%			

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### FIRST AID MEASURES

<b>Inhalation:</b>	Move to fresh air. Get medical attention if symptoms persist.
<b>Skin Contact:</b>	Get medical attention if irritation develops and persists.
<b>Eye Contact:</b>	Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention immediately.
<b>Ingestion:</b>	Call a physician or poison control center immediately. Rinse mouth thoroughly. Do not induce vomiting. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs.

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### FIRE FIGHTING MEASURES

**Flammability:** Extremely Flammable Aerosol**Flash Point:** -156 Deg F (-104.4 Deg C) Propellant estimated

Extinguishing media: Alcohol resistant foam. Water fog. Dry chemicals. Carbon dioxide (CO<sub>2</sub>). Dry chemical powder, carbon dioxide, sand or earth may be used for small fires only.

Do not use water jet as an extinguisher, as this will spread the fire.

Unusual Fire & Explosion Hazard: Contents under pressure. Pressurized container may explode when exposed to heat or flame. This product is a poor conductor of electricity and can become electrostatically charged. If sufficient charge is accumulated, ignition of flammable mixtures can occur. To reduce potential for static discharge, use proper bonding and grounding procedures. This liquid may accumulate static electricity when filling properly grounded containers. Static electricity accumulation may be significantly increased by the presence of small quantities of water or other contaminants. Material will float and may ignite on surface of water.

Special Fire fighting procedures: Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA. Structural firefighters protective clothing will only provide limited protection.

Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA. Move containers from fire area if you can do so without risk. Cool containers exposed to heat with water spray and remove container, if no risk is involved. Containers should be cooled with water to prevent vapor pressure build up. For massive fire in cargo area, use unmanned hose holder or monitor nozzles, if possible. If not, withdraw and let fire burn out. Some of these materials, if spilled, may evaporate leaving a flammable residue.

Use standard firefighting procedures and consider the hazards of other involved materials. Move container from fire area if it can be done without risk. In the event of fire and/or explosion do not breathe fumes.

Extremely flammable aerosol.

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### ACCIDENTAL RELEASE MEASURES

Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Keep out of low areas. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Wear appropriate protective equipment and clothing during clean-up. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. Use appropriate containment to avoid environmental contamination. Transfer by mechanical means such as vacuum truck to a salvage tank or other suitable container for recovery or safe disposal. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.

Refer to attached safety data sheets and/or instructions for use. ELIMINATE all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil, etc.) away from spilled material. Stop leak if you can do so without risk. Move cylinder to a safe and open area if the leak is irreparable. Use water spray to reduce vapors or divert vapor cloud drift. Cover with plastic sheet to prevent spreading. Absorb in vermiculite, dry sand or earth and place into containers. Prevent entry into waterways, sewer, basements or confined areas. Following product recovery, flush area with water.

Small spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination. For waste disposal, see section 13 of the SDS. This material and its container must be disposed of as hazardous waste.

Avoid release to the environment. Inform appropriate managerial or supervisory personnel of all environmental releases. Prevent further leakage or spillage if safe to do so. Avoid discharge into drains, water courses or onto the ground. Use appropriate containment to avoid environmental contamination.

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### HANDLING AND STORAGE

**Handling Precautions:**

Minimize fire risks from flammable and combustible materials (including combustible dust and static accumulating liquids) or dangerous reactions with incompatible materials. Handling operations that can promote accumulation of static charges include but are not limited to: mixing, filtering, pumping at high flow rates, splash filling, creating mists or sprays, tank and container filling, tank cleaning, sampling, gauging, switch loading, vacuum truck operations. Pressurized container: Do not pierce or burn, even after use. Do not use if spray button is missing or defective. Do not spray on a naked flame or any other incandescent material. Do not smoke while using or until sprayed surface is thoroughly dry. Do not cut, weld, solder, drill, grind, or expose containers to heat, flame, sparks, or other sources of ignition. All equipment used when handling the product must be grounded. Do not re-use empty containers. Do not breathe dust/fume/gas/mist/vapors/spray. Do not get this material in contact with eyes. Avoid prolonged or repeated contact with skin. Use only in well-ventilated areas. Wear appropriate personal protective equipment. Wash hands thoroughly after handling. Avoid release to the environment. Observe good industrial hygiene practices.

For additional information on equipment bonding and grounding, refer to the Canadian Electrical Code in Canada, (CSA C22.1), or the American Petroleum Institute (API) Recommended Practice 2003, "Protection Against Ignitions Arising out of Static, Lightning, and Stray Currents" or National Fire Protection Association (NFPA) 77, "Recommended Practice on Static Electricity" or National Fire Protection Association (NFPA) 70, "National Electrical Code".

Level 1 Aerosol

**Storage Requirements:**

Store locked up. Pressurized container. Protect from sunlight and do not expose to temperatures exceeding 50C/122F. The pressure in sealed containers can increase under the influence of heat. Do not puncture, incinerate or crush. Do not handle or store near an open flame, heat or other sources of ignition. This material can accumulate static charge which may cause spark and become an ignition source. Avoid spark promoters. Ground/bond container and equipment. These alone may be insufficient to remove static electricity. Store in a well-ventilated place. Refrigeration recommended. Store away from incompatible materials (see Section 10 of the SDS).

Level 1 Aerosol (NFPA 30B).

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### EXPOSURE CONTROLS/PERSONAL PROTECTION

**Engineering Controls:**

Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established maintain airborne levels to an acceptable level.

**Personal Protective Equip:**

Respiratory Protection: If permissible levels are exceeded use NIOSH mechanical filter/organic vapor cartridge or an air-supplied respirator.

Protective gloves: Wear appropriate chemical resistant gloves.

Eye protection: Wear tight-fitting goggles or face shield. Face shield is recommended. Wear safety glasses with side shields (or goggles).

Wear appropriate chemical resistant clothing.

Wear appropriate thermal protective clothing, when necessary.

Do not get in eyes. When using do not smoke. Avoid contact with skin. 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.

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### 9 PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Aerosol	<b>Odor:</b>	Not available
<b>Physical State:</b>	Gas	<b>Flash Point:</b>	-156 Deg F (-104.4 Deg C) Propellant estim
<b>Odor Threshold:</b>	NA	<b>VOC:</b>	9.48%
<b>Spec Grav./Density:</b>	(H2O=1): 0.879 estimated	<b>Auto-Ignition Temp:</b>	392 F (200 C) estimated
<b>Boiling Point:</b>	181.48 F (83.05 C) estimated	<b>UFL/LFL:</b>	NA
<b>Flammability:</b>	Extremely Flammable		
<b>Vapor Pressure:</b>	22.65 psig @ 70 F estimated		

### 10 STABILITY AND REACTIVITY

<b>Stability:</b>	Stable and non-reactive under normal conditions of use, storage and transport.
<b>Conditions to Avoid:</b>	Chemical Stability: Risk of ignition. Avoid heat, sparks, open flames and other ignition sources. Avoid temperatures exceeding the flash point. Contact with incompatible materials.
<b>Materials to Avoid:</b>	Strong oxidizing agents. Nitrates. Flourine. Chlorine.
<b>Hazardous Decomposition:</b>	No hazardous decomposition products are known.
<b>Hazardous Polymerization:</b>	Does not occur.

### 11 TOXICOLOGICAL INFORMATION

**Ingestion** Droplets of the product aspirated into the lungs through ingestion or vomiting may cause a serious chemical pneumonia.

**Inhalation** Not available.

**Skin contact** No adverse effects due to skin contact are expected.

**Eye contact** Direct contact with eyes may cause temporary irritation.

Aspiration may cause pulmonary edema and pneumonitis. Direct contact with eyes may cause temporary irritation.

#### 17 OZ SUNSHINE (CAS Mixture)

Acute

**Dermal** LD50 13294 mg/kg estimated (Rat)

**Inhalation** LC50 33 mg/l 4 hrs estimated (Rat)

Components:

#### Butane (CAS 106-97-8)

Acute

**Inhalation** LC50 1237 mg/l, 120 mins. (Mouse)

LC50 52%, 120 minutes (Mouse)

LC50 1355 mg/l (Rat)

#### Distillates, petroleum,Hydrotreated light (CAS 64742-47-8)

Acute

**Dermal** LD 50 >2000 mg/kg (Rabbit)

LD50 >2000 mg/kg, 24 hrs (Rabbit)

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Inhalation LC50 >7.5 mg/l , 6 hrs (Rat)  
LC50 >4.6 mg/l, 4 hrs (Rat)  
Oral LD50 >5000 mg/kg (Rat)

Propane (CAS 74-98-6)

Acute

Inhalation LC50 1237 mg/l, 120 mins. (Mouse)  
LC50 52%, 120 minutes (Mouse)  
LC50 1355 mg/l (Rat)  
LC50 658 mg/l, 4h (Rat)

White mineral oil (CAS 8042-47-5 )

Acute

Dermal LD50 >2000 mg/kg, 24 hrs (Rabbit)  
Inhalation LC50 2.18 mg/l, 4 hrs (Rat)  
Oral LD50 5000.0001 mg/kg (Rat)

Prolonged skin contact may cause temporary irritation.  
Direct contact with eyes may cause temporary irritation.

This product is not expected to cause skin sensitization.

No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.

This product is not considered to be a carcinogen by IARC,ACGIH, NTP, or OSHA.

This product is not expected to cause reproductive or developmental effects.

May be fatal if swallowed and enters airways.

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### ECOLOGICAL INFORMATION

#### Ecotoxicity

Harmful to aquatic life with long lasting effects.

17 OZ SUNSHINE (CAS Mixture)

Aquatic

Fish LC50 298 mg/L, 96h Fish

#### Components:

Distillates, petroleum, Hydrotreated light (CAS 64742-47-8)

Aquatic

Fish LC50 2.9 mg/l, 96 hrs Rainbow trout, donaldson trout (*Oncorhynchus mykiss*)

White mineral oil (CAS 8042-47-5 )

Aquatic

Fish LC50 10000.0001, 96 hrs Fish

No data is available on the degradability of this product.

No data on bioaccumulative potential

Partition coefficient n-octanol/water (log Kow)

Butane 2.89

Propane 2.36

No data on the mobility in soil.

No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

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### DISPOSAL CONSIDERATIONS

Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Contents under pressure. Do not puncture, incinerate or crush. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways, or ditches with chemical or used container. Dispose of contents/container in accordance with local/regional/national/international regulations.

Dispose in accordance with all applicable regulations.

The waste code should be assigned in discussion between user, the producer and the waste disposal company.

Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see Disposal instructions).

Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied. Do not re-use empty containers.



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## TRANSPORT INFORMATION

### DOT

UN number	UN1950
UN proper shipping name	Aerosols, flammable
Transport hazard class(es)	
Class	2.1
Subsidiary risk	-
Label(s)	2.1
Packing group	Not applicable
Special precautions for user	Read safety instructions, SDS and emergency procedures before handling.
Special provisions	N82
Packaging exceptions	306
Packaging non bulk	None
Packaging bulk	None

This product meets the exception requirements of section 173.306 as a limited quantity and may be shipped as a limited quantity until 12/31/2020, the "Consumer Commodity-ORM-D" marking may still be used in place of the new limited quantity diamond mark for packages of UN 1950 Aerosols. Limited quantities require the limited quantity diamond mark on cartons after 12/31/20 and may be used now in place of the "Consumer Commodity ORM-D" marking on both and may be displayed concurrently.

### IATA

UN number	UN1950
UN proper shipping name	Aerosols, flammable
Transport hazard class(es)	
Class	2.1
Subsidiary risk	-
Label(s)	2.1
Packing group	Not applicable
Environmental hazards	No
ERG Code	10L
Special precautions for user	Read safety instructions, SDS and emergency procedures before handling.
Other information	
Passenger and cargo	Allowed
Aircraft	
Cargo aircraft only	Allowed
Packaging exceptions	LTD QTY

### IMDG

UN number	UN1950
UN proper shipping name	AEROSOLS
Transport hazard class(es)	
Class	2.1
Subsidiary risk	-
Label(s)	2.1
Packing group	Not applicable
Environmental hazards	
Marine pollutant	No
EmS	F-D, S-U
Special precautions for user	Read safety instructions, SDS and emergency procedures before handling.
Packaging exceptions	LTD QTY
Transport in bulk according to AnnexII of MARPOL 73/78 and	This substance/mixture is not intended to be transported in bulk.

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the IBC Code



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### REGULATORY INFORMATION

COMPONENT / (CAS/PERC) / CODES

\*Distillates, petroleum, hydrotreated light (64742478 10-20%) TSCA

\*Butane (106978 2.5-10%) MASS, NJHS, OSHAWAC, PA, TSCA, TXAIR

\*Propane (74986 2.5-10%) MASS, NJHS, OSHAWAC, PA, TSCA, TXAIR

\*white mineral oil, petroleum (8042475 2.5-10%) TSCA

REGULATORY KEY DESCRIPTIONS

MASS = MA Massachusetts Hazardous Substances List

NJHS = NJ Right-to-Know Hazardous Substances

OSHA = OSHA workplace Air Contaminants

PA = PA Right-To-Know List of Hazardous Substances

TXAIR = TX Air Contaminants with Health Effects Screening Level

TSCA = Toxic Substances Control Act

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### OTHER INFORMATION

We believe the statements technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind. \*\* Chemical listed as Carcinogen or Potential Carcinogen. [a] NTP [b] IARC

Monograph [c] OSHA [d] Not listed [e] Animal data only

N/A = Not available

N/D = Not determined