

## Brite

MSDS Number: A35F

Revision Date: 3/5/15

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## 1 PRODUCT AND COMPANY IDENTIFICATION

### Manufacturer

Wechem, Inc  
5734 Susitna Dr  
Harahan, LA 70123

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**Product Name:** Brite  
**Revision Date:** 3/5/15  
**MSDS Number:** A35F  
**Product Code:** A35  
**Product Use:** Stainless Steel Cleaner

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

## 2 HAZARDS IDENTIFICATION

**Route of Entry:** Ingestion, skin absorption, eye, inhalation  
**Target Organs:** NA  
**Inhalation:** Prolonged inhalation may be harmful.  
**Skin Contact:** No adverse effects due to skin contact are expected.  
**Eye Contact:** Cause serious eye irritation.  
**Ingestion:** Expected to be a low ingestion hazard.

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

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GHS Signal Word:  
DANGER

GHS Hazard Pictograms:



GHS Classifications:  
Physical, Flammable Aerosols, 1  
Health, Serious Eye Damage/Eye Irritation, 2 A  
Environmental, Hazards to the aquatic environment - Acute, 3  
Environmental, Hazards to the aquatic environment - Chronic, 3

GHS Phrases:  
H222 - Extremely flammable aerosol  
H319 - Causes serious eye irritation  
H402 - Harmful to aquatic life  
H412 - Harmful to aquatic life with long lasting effects

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.  
P264 - Wash thoroughly after handling.  
P273 - Avoid release to the environment.  
P280 - Wear protective gloves/protective clothing/eye protection/face protection.  
P304+340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
P304+312 - IF INHALED: Call a POISON CENTER or doctor/physician if you feel unwell.  
P303+361+353 - IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.  
P301+310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.  
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.

37.92% of the mixture consists of component(s) of unknown acute hazards to the aquatic environment. 37.89% of the mixture consists of component(s) of unknown long-term hazards to the aquatic environment.

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### COMPOSITION/INFORMATION ON INGREDIENTS

**Ingredients:**

Cas #	Chemical Name	Perc.	OSHA PEL (ppm)	ACGIH TLV(ppm)	Carcin. Ref.
64742-46-7	Distillates, petroleum, hydrotreated middle	20-40%	NA	NA	D
67-64-1	Acetone	10-20%	1000	500	D
106-97-8	Butane	2.5-10%	1000	NA	D
74-98-6	Propane	2.5-10%	1000	NA	D
64741-66-8	Naphtha, petroleum, light alkylate	1-2.5%	NA	NA	D
Other components below reportable levels		40-60%			

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### FIRST AID MEASURES

<b>Inhalation:</b>	Move to fresh air. Call a physician if symptoms develop or persist.
<b>Skin Contact:</b>	Wash off with soap and water. Get medical attention if irritation develops and persists.
<b>Eye Contact:</b>	Rinse with water. Get medical attention if irritation develops and persists.
<b>Ingestion:</b>	Rinse mouth. Get medical attention if symptoms occur.

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### FIRE FIGHTING MEASURES

**Flammability:** Extremely flammable aerosol  
**Flash Point:** -156 Deg F (-104.44 Deg C) Propellant estimated

Extinguishing media: Powder. Alcohol resistant foam. Carbon dioxide (CO<sub>2</sub>). 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.

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.

Move containers from fire area if you can do so without risk. 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.

Use standard firefighting procedures and consider the hazards of other involved materials. Move container from fire area if you can do so 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. 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. 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 the cylinder to a safe and open area if the leak is irreparable. Isolate area until gas has dispersed. Prevent entry into waterways, sewer, basements or confined areas. Following product recovery, flush area with water. For waste disposal, see section 13 of the SDS.

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.

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### HANDLING AND STORAGE

**Handling Precautions:** 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. Avoid contact with eyes. Avoid prolonged exposure. Use only in well-ventilated areas. Wear appropriate personal protective equipment. Avoid release to the environment. Observe good industrial hygiene practices.

**Storage Requirements:** Level 3 Aerosol.  
Pressurized container. Protect from sunlight and do not expose to temperatures exceeding 50C/122F. 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. Refrigeration recommended. Store away from incompatible materials ( see Section 10 of the SDS).  
Level 3 Aerosol.

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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. Provide eyewash station.

**Personal Protective Equip:** HMIS PP, B | Goggles, Gloves  
Respiratory Protection: If permissible levels are exceeded use NIOSH mechanical filter/organic vapor cartridge or an air-supplied respirator.  
Protective gloves: Use chemical resistant gloves if hand contact will be made.  
Eye protection: Safety glasses with side shields/chemical proof goggles.

Wear appropriate chemical resistant clothing.

Wear appropriate thermal protective clothing, when necessary.

When using do not smoke. 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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### PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Aerosol	<b>Odor:</b>	NA
<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>	13.4%
<b>Spec Grav./Density:</b>	(H2O=1): 0.504 estimated	<b>Auto-Ignition Temp:</b>	834.8 F (446 C) estimated
<b>Viscosity:</b>	NA	<b>UFL/LFL:</b>	7.8% / 1% estimated
<b>Boiling Point:</b>	542.48 F (283.6 C) estimated		
<b>Flammability:</b>	Extremely Flammable		
<b>Vapor Pressure:</b>	20-40 psig @ 70 Deg. F estimated		
<b>pH:</b>	NA		
<b>Evap. Rate:</b>	NA		

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### STABILITY AND REACTIVITY

<b>Stability:</b>	Stable and non-reactive under normal conditions of use, storage and transport.
<b>Conditions to Avoid:</b>	Avoid temperatures exceeding the flash point. Contact with incompatible materials.
<b>Materials to Avoid:</b>	Acids. Strong oxidizing agents. Nitrates. Fluorine. Chlorine.
<b>Hazardous Decomposition:</b>	No hazardous decomposition products are known.
<b>Hazardous Polymerization:</b>	Will not occur

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### TOXICOLOGICAL INFORMATION

Ingestion Expected to be a low ingestion hazard.

Inhalation Prolonged inhalation may be harmful.

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

Eye contact Causes serious eye irritation.

Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling and blurred vision.

#### Acute toxicity

11 oz Brite (CAS Mixture)

Dermal LD50 60669.9336 mg/kg, 24 hr estimated (Guinea pig)

LD50 76.7974 ml/kg, 24 hr estimated (Guinea pig)

LD50 6885.8418 mg/kg, 24 hr estimated (Rabbit)

LD50 76.7974 ml/kg, 24 hr estimated (Rabbit)

Inhalation LC100 750% estimated (Cat)

LC50 10308.333 mg/l, 120 mins., estimated (Mouse)

LC50 433.3333%, 120 mins, estimated (Mouse)

LC50 133.3333 mm/l, 2 hrs, estimated (Mouse)

LC50 28983.5273 mg/m<sup>3</sup>, 4 hrs, estimated (Rat)

LC50 440.2205 mg/l, 3 hrs., estimated (Rat)

LC50 344.5459 mg/l, 4 hrs. estimated (Rat)

LC50 6.941 mg/l, 4 hrs, estimated (Rat)

Oral LD50 41797.2383 mg/kg estimated (Rat)

LD50 17.9549 ml/kg estimated (Rat)

#### Components

Acetone (67-64-1)

Dermal LD50 >7426 mg/kg, 24 hours (Guinea pig)

LD50 >9.4 ml/kg, 24 hours (Guinea pig)

LD50 >7426 mg/kg, 24 hours (Rabbit)

LD50 >9.4 ml/kg, 24 hours (Rabbit)

Inhalation LC50 55700 ppm, 3 hours (Rat)

LC50 132 mg/l, 3 hours (Rat)

LC50 50.1 mg/l

Oral LD50 5800 mg/kg (Rat)

LD50 2.2 ml/kg (Rat)

#### Components:

Butane (CAS 106-97-8)

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

LC50 52%, 120 minutes (Mouse)

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LC50 1355 mg/l (Rat)

Distillates, Petroleum, Hydrotreated Middle (CAS 64742-46-7)

Dermal LD50 &gt;2000 mg/kg, 24 hrs (Rabbit)

Inhalation LC50 7640 mg/m<sup>3</sup>, 4 hrs (Rat)

LC50 1.72 mg/l, 4 hrs. (Rat)

Naphtha (petroleum), Light Alkylate (CAS 64741-66-8)

Dermal LD50 &gt;1900 mg/kg, 24 h (Rabbit)

Inhalation LC50 >5020 mg/m<sup>3</sup>, 4 h (Rat)LC50 >4980 mg/m<sup>3</sup> (Rat)LC50 >4980 mg/m<sup>3</sup>, 4 h (Rat)

LC50 &gt;4.96 mg/l, 4 h (Rat)

Oral LD50 4820 mg/kg (Rat)

Propane (CAS 74-98-6)

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

LC50 52%, 120 minutes (Mouse)

LC50 1355 mg/l (Rat)

LC50 658 mg/l, 4h (Rat)

This product causes serious eye 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 expected to cause reproductive or developmental effects.

Aspiration hazard is not likely, due to the form of the product.

Prolonged inhalation may be harmful.

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### ECOLOGICAL INFORMATION

#### Ecotoxicity

Harmful to aquatic life with long lasting effects.

11 oz Brite (CAS Mixture)

Crustacea EC50 42138.8906 mg/L, 48h, estimated (Daphnia)

Fish LC50 68920.6641 mg/l, 96h, estimated ( Fish)

#### Components:

Acetone ( CAS 67-64-1)

Crustacea EC50 21.6-23.9 mg/l 48 hrs Water flea (Daphnia magna)

Fish LC50 4740-6330 mg/l 96 hrs Rainbow trout, donaldson trout (Oncorhynchus mykiss)

No data is available on the degradability of this product.

No data on bioaccumulative potential

Partition coefficient n-octanol/water (log Kow)

Acetone -0.24

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.

US RCRA Hazardous Waste U List: Reference

Acetone (CAS 67-64-1) U002

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 12/21/20 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 Not applicable.

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the IBC Code



<b>15</b>	<b>REGULATORY INFORMATION</b>
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COMPONENT / (CAS/PERC) / CODES

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- \*Distillates, petroleum, hydrotreated middle (64742467 20-40%) TSCA
- \*Acetone (67641 10-20%) CERCLA, HAP, MASS, NJHS, OSHAWAC, PA, TOXICRCRA, TSCA, TXAIR, TXHWL
- \*Butane (106978 2.5-10%) MASS, NJHS, OSHAWAC, PA, TSCA, TXAIR
- \*Propane (74986 2.5-10%) MASS, NJHS, OSHAWAC, PA, TSCA, TXAIR
- \*Naphtha, petroleum, light alkylate (64741668 1-2.5%) TSCA

REGULATORY KEY DESCRIPTIONS

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- MASS = MA Massachusetts Hazardous Substances List
- OSHA = OSHA workplace Air Contaminants
- PA = PA Right-To-Know List of Hazardous Substances
- TXAIR = TX Air Contaminants with Health Effects Screening Level
- CERCLA = Superfund clean up substance
- HAP = Hazardous Air Pollutants
- NJHS = NJ Right-to-Know Hazardous Substances
- TOXICRCRA = RCRA Toxic Hazardous Wastes (U-List)
- TSCA = Toxic Substances Control Act
- TXHWL = TX Hazardous waste List

<b>16</b>	<b>OTHER INFORMATION</b>
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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