

Material Safety Data Sheet

Issuing date 01-Jun-2012

Revision Date 01-Jun-2012

Version 1

1. PRODUCT AND COMPANY IDENTIFICATION

Product name SPARKLE CLEAN PAINT GUN CLEANER
Product code F02363
Product Type Extremely flammable aerosol
Recommended Use paint clean up

Manufactured For:
HERKULES EQUIPMENT CORPORATION
2760 RIDGEWAY COURT
COMMERCE,MI 48390-1660

Chemical Emergency Phone Number (800) 444-4351

2. HAZARDS IDENTIFICATION

DANGER!

Emergency Overview

Extremely flammable aerosol
Contents under pressure
Irritating to respiratory system
Irritating to skin
Irritating to eyes

Intentional misuse by deliberately concentrating and inhaling contents may be harmful or fatal

Physical state Aerosol.

Odor Solvent

OSHA Regulatory Status This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200)

Potential Health Effects
Principle Routes of Exposure Eye contact. Skin contact. Inhalation.

Acute toxicity

Eyes

Irritating to eyes.

Skin

Irritating to skin. Prolonged skin contact may defat the skin and produce dermatitis. May cause frostbite.

Inhalation

Irritating to respiratory system. Avoid breathing vapors or mists. Symptoms of overexposure are dizziness, headache, tiredness, nausea, unconsciousness, cessation of breathing.

Ingestion

Not an expected route of exposure. Potential for aspiration if swallowed. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Chronic Effects May cause adverse liver effects.

Aggravated Medical Conditions Central nervous system. Preexisting eye disorders. Blood disorders. Kidney disorders. Liver disorders. Skin disorders. Respiratory disorders. Hematopoietic system.

Interactions with Other Chemicals Use of alcoholic beverages may enhance toxic effects

Environmental hazard See Section 12 for additional Ecological Information

3. COMPOSITION/INFORMATION ON INGREDIENTS

This product is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

Chemical Name	CAS-No	Weight %
ACETONE	67-64-1	30-60
TOLUENE	108-88-3	10-30
PROPANE/ISOBUTANE/N-BUTANE	68476-86-8	10-30
METHYL ACETATE	79-20-9	1-5
2-BUTOXYETHANOL	111-76-2	1-5
ISOPROPYL ALCOHOL	67-63-0	1-5

4. FIRST AID MEASURES

General advice	Show this material safety data sheet to the doctor in attendance.
Eye contact	Remove contact lenses, if present, after the first 5 minutes, then continue rinsing. Hold eye open and rinse slowly and gently with water for 15-20 minutes.
Skin contact	Wash off immediately with soap and plenty of water. Wash contaminated clothing before reuse. If skin irritation persists, call a physician.
Inhalation	Move to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration.
Ingestion	Do NOT induce vomiting. Call physician immediately.
Notes to physician	No information available.

5. FIRE-FIGHTING MEASURES

Flammable Properties	Extremely flammable aerosol.			
Flash point	>= -141 °F / >= -96.1 °C			
Suitable Extinguishing Media	Foam. Dry chemical. Alcohol-resistant foam. Carbon dioxide (CO2).			
Hazardous Combustion Products	Carbon oxides.			
Explosion Data				
Sensitivity to Static Discharge	No information available.			
Specific hazards arising from the chemical	Containers can build up pressure if exposed to heat (fire). Keep containers and surrounding areas cool with water spray.			
Protective Equipment and Precautions for Firefighters	As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.			
NFPA	Health Hazard 2	Flammability 4	Stability 0	Physical and chemical hazards - Personal protection B
HMIS	Health Hazard 2	Flammability 4	Physical Hazard 2	

6. ACCIDENTAL RELEASE MEASURES

Personal precautions	Ensure adequate ventilation. For personal protection see section 8.
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Environmental precautions Do not flush into surface water or sanitary sewer system.

Methods for Containment Prevent further leakage or spillage if safe to do so.

Methods for cleaning up Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal.

7. HANDLING AND STORAGE

Advice on safe handling Avoid contact with eyes. Avoid breathing vapors or mists. Contents under pressure. Do not puncture or incinerate cans. Do not stick pin or any other sharp object into opening on top of can.

Technical measures/Storage conditions Keep out of the reach of children. Incompatible with oxidizing agents.

Aerosol Level 3

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
ACETONE 67-64-1	STEL: 750 ppm TWA: 500 ppm	TWA: 1000 ppm TWA: 2400 mg/m ³ (vacated) TWA: 750 ppm (vacated) TWA: 1800 mg/m ³ (vacated) STEL: 2400 mg/m ³ The acetone STEL does not apply to the cellulose acetate fiber industry. It is in effect for all other sectors (vacated) STEL: 1000 ppm	IDLH: 2500 ppm TWA: 250 ppm TWA: 590 mg/m ³
TOLUENE 108-88-3	TWA: 20 ppm	TWA: 200 ppm (vacated) TWA: 100 ppm (vacated) TWA: 375 mg/m ³ (vacated) STEL: 150 ppm (vacated) STEL: 560 mg/m ³ Ceiling: 300 ppm	IDLH: 500 ppm TWA: 100 ppm TWA: 375 mg/m ³ STEL: 150 ppm STEL: 560 mg/m ³
METHYL ACETATE 79-20-9	STEL: 250 ppm TWA: 200 ppm	TWA: 200 ppm TWA: 610 mg/m ³ (vacated) TWA: 200 ppm (vacated) TWA: 610 mg/m ³ (vacated) STEL: 250 ppm (vacated) STEL: 760 mg/m ³	IDLH: 3100 ppm TWA: 200 ppm TWA: 610 mg/m ³ STEL: 250 ppm STEL: 760 mg/m ³
2-BUTOXYETHANOL 111-76-2	TWA: 20 ppm	TWA: 50 ppm TWA: 240 mg/m ³ (vacated) TWA: 25 ppm (vacated) TWA: 120 mg/m ³ (vacated) S* S*	IDLH: 700 ppm TWA: 5 ppm TWA: 24 mg/m ³
ISOPROPYL ALCOHOL 67-63-0	STEL: 400 ppm TWA: 200 ppm	TWA: 400 ppm TWA: 980 mg/m ³ (vacated) TWA: 400 ppm (vacated) TWA: 980 mg/m ³ (vacated) STEL: 500 ppm (vacated) STEL: 1225 mg/m ³	IDLH: 2000 ppm TWA: 400 ppm TWA: 980 mg/m ³ STEL: 500 ppm STEL: 1225 mg/m ³

ETHYL BENZENE 100-41-4	TWA: 20 ppm	TWA: 100 ppm TWA: 435 mg/m ³ (vacated) TWA: 100 ppm (vacated) TWA: 435 mg/m ³ (vacated) STEL: 125 ppm (vacated) STEL: 545 mg/m ³	IDLH: 800 ppm TWA: 100 ppm TWA: 435 mg/m ³ STEL: 125 ppm STEL: 545 mg/m ³
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Other Exposure Guidelines Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992).

Engineering Measures Ensure adequate ventilation.

Personal Protective Equipment

- Eye/Face Protection** Safety glasses with side-shields.
- Skin and body protection** Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact.
- Respiratory protection** If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn.

Hygiene measures Do not eat, drink or smoke when using this product. General industrial hygiene practice. Avoid contact with skin, eyes and clothing. Wash hands and face before breaks and immediately after handling the product. Avoid breathing vapors, mist or gas.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state	Aerosol	Appearance	No information available
Odor	Solvent	Color	No information available
Property	Values	Remarks • Methods	
pH	Not applicable		
Boiling point/boiling range		No information available	
Flash Point	>= -96.1 °C / >= -141 °F	No information available	
Flammability Limits in Air		No data available	
upper flammability limit			
lower flammability limit			
Vapor pressure		Not Determined	
Vapor density		Heavier than air	
Specific Gravity		No information available	
Water solubility		No information available	
Viscosity, kinematic		No information available	
VOC Content(%)	48.87		

10. STABILITY AND REACTIVITY

- Stability** Stable under recommended storage conditions.
- Incompatible products** Strong oxidizing agents.
- Conditions to Avoid** Strong oxidizing agents. Strong bases.
- Hazardous Decomposition Products** Carbon oxides. Fumes.
- Hazardous Reactions** No information available.
- Hazardous Polymerization** Hazardous polymerization does not occur.

11. TOXICOLOGICAL INFORMATION

Acute toxicity

Product Information Causes skin, eye and respiratory tract irritation. May be harmful if swallowed.

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
ACETONE	5800 mg/kg (Rat)		
TOLUENE	636 mg/kg (Rat)	8390 mg/kg (Rabbit) 12124 mg/kg (Rat)	12.5 mg/L (Rat) 4 h 26700 ppm (Rat) 1 h
METHYL ACETATE	5000 mg/kg (Rat)	2000 mg/kg (Rat) 5000 mg/kg (Rabbit)	16000 ppm (Rat) 4 h
2-BUTOXYETHANOL	470 mg/kg (Rat)	2270 mg/kg (Rat) 220 mg/kg (Rabbit)	2.21 mg/L (Rat) 4 h 450 ppm (Rat) 4 h
ISOPROPYL ALCOHOL	4396 mg/kg (Rat)	12800 mg/kg (Rat) 12870 mg/kg (Rabbit)	72.6 mg/L (Rat) 4 h

Chronic toxicity

Chronic toxicity May cause adverse liver effects.

Carcinogenicity The table below indicates whether each agency has evaluated a listed ingredient as a carcinogen.

Chemical Name	ACGIH	IARC	NTP	OSHA
TOLUENE		Group 3		
2-BUTOXYETHANOL	A3	Group 3		
ISOPROPYL ALCOHOL		Group 3		X

ACGIH: (American Conference of Governmental Industrial Hygienists)

A3 - Animal Carcinogen

IARC: (International Agency for Research on Cancer)

Group 3 - Not Classifiable as to Carcinogenicity in Humans

OSHA: (Occupational Safety & Health Administration)

X - Present

Target Organ Effects Blood. Central nervous system. Eyes. Hematopoietic System. Kidney. Liver. Respiratory system. Skin.

12. ECOLOGICAL INFORMATION

Ecotoxicity

The environmental impact of this product has not been fully investigated.

13. DISPOSAL CONSIDERATIONS

Waste Disposal Methods This material, as supplied, is a hazardous waste according to federal regulations (40 CFR 261).

Contaminated packaging Do not re-use empty containers.

14. TRANSPORT INFORMATION

DOT Ground CONSUMER COMMODITY ORM-D
or
LIMITED QUANTITY

IATA UN1950, AEROSOLS, FLAMMABLE, 2.1, LTD. QTY.

IMDG

UN1950, AEROSOLS, 2.1, LTD. QTY.

15. REGULATORY INFORMATION

International Inventories

TSCA TSCA
DSL Complies
NDSL Complies
EINECS Complies
ELINCS -
ENCS -
IECSC Complies
KECL Complies
PICCS Complies
AICS Complies

Chemical Name	TSCA	DSL	NDSL	EINECS	ELINCS	ENCS	IECSC	KECL	PICCS	AICS
ACETONE	Present	X	Not listed	200-662-2	Not listed	(2)-542	X	KE-29367	X	X
TOLUENE	Present	X	Not listed	203-625-9	Not listed	(3)-2	X	KE-33936	X	X
PROPANE/ISOBUTANE/N-BUTANE	Present	X	Not listed	270-705-8	Not listed	Not listed	X	KE-28192	X	X
METHYL ACETATE	Present	X	Not listed	201-185-2	Not listed	(2)-725	X	KE-23405	X	X
2-BUTOXYETHANOL	Present	X	Not listed	203-905-0	Not listed	(7)-97 (2)-407	X	KE-04134	X	X
ISOPROPYL ALCOHOL	Present	X	Not listed	200-661-7	Not listed	(2)-207	X	KE-29363	X	X

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List
EINECS/ELINCS - European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances
ENCS - Japan Existing and New Chemical Substances
IECSC - China Inventory of Existing Chemical Substances
KECL - Korean Existing and Evaluated Chemical Substances
PICCS - Philippines Inventory of Chemicals and Chemical Substances
AICS - Australian Inventory of Chemical Substances

U.S. Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372:

Chemical Name	SARA 313 - Threshold Values %
TOLUENE	1.0
2-BUTOXYETHANOL	1.0
ISOPROPYL ALCOHOL	1.0

SARA 311/312 Hazard Categories

Acute Health Hazard Yes
Chronic Health Hazard no
Fire Hazard no
Sudden Release of Pressure Hazard no
Reactive Hazard no

U.S. State Regulations

California Proposition 65

This product contains the following Proposition 65 chemicals:

Chemical Name	California Prop. 65
TOLUENE	Developmental Female Reproductive
ETHYL BENZENE	Carcinogen
BENZENE	Carcinogen Developmental Male Reproductive

U.S. State Right-to-Know Regulations

Chemical Name	Massachusetts	New Jersey	Pennsylvania	Illinois	Rhode Island
TOLUENE			X		
METHYL ACETATE	X	X	X		
2-BUTOXYETHANOL	X	X		X	X
ISOPROPYL ALCOHOL	X	X	X		

International Regulations

Chemical Name	Carcinogen Status	Exposure Limits
ACETONE		Mexico: TWA 1000 ppm Mexico: TWA 2400 mg/m ³ Mexico: STEL 1260 ppm Mexico: STEL 3000 mg/m ³
TOLUENE		Mexico: TWA 50 ppm Mexico: TWA 188 mg/m ³
METHYL ACETATE		Mexico: TWA 200 ppm Mexico: TWA 610 mg/m ³ Mexico: STEL 250 ppm Mexico: STEL 760 mg/m ³
2-BUTOXYETHANOL		Mexico: TWA 26 ppm Mexico: TWA 120 mg/m ³ Mexico: STEL 75 ppm Mexico: STEL 360 mg/m ³
ISOPROPYL ALCOHOL		Mexico: TWA 400 ppm Mexico: TWA 980 mg/m ³ Mexico: STEL 500 ppm Mexico: STEL 1225 mg/m ³

Canada

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

16. OTHER INFORMATION

Prepared By	Regulatory Affairs
Issuing date	01-Jun-2012
Revision Date	01-Jun-2012
Revision Note	No information available.

Disclaimer

The information provided on this MSDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

End of Material Safety Data Sheet