

MATERIAL SAFETY DATA SHEET

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SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: BREAK-FREE CLP Liquid, All Forms **DATE:** October 05, 2011
PRODUCT NUMBERS: CLP-11-1, CLP-11-10, CLP-12-1, CLP-12-12, CLP-15-1, CLP-16-1, CLP-16-20, CLP-16-432-SWE, CLP-2-1, CLP-2-10, CLP-2-100, CLP-20-1, CLP-20-10, CLP-3-1, CLP-4-1, CLP-4-10, CLP-4-100-CE, CLP-5-1, CLP-5-10, CLP-5-24-CE, CLP-6-100-CE, CLP-7040-1, CLP-7040-1M, CLP-8-6, CLP-8-6-CE, CLP-9-4-CE, PCL-A12-12, PCL-L128-1, PCL-L128-4, PCL-L16-12, (1009216-1009217-1009218-1009219-1009220-1009221-1009223-1009225-1009226-1009227-1009228-1009229-1009230-1009231-1009232-1009233-1009235-1009236-1009237-1009238-1009240-1009243-1009244-1009247-1009248-1009250-1010037-1010038-1010039-1010040)

TRADE NAME: BREAK-FREE CLP Liquid
GENERAL USE: Cleaning Agent
CHEMICAL FAMILY: Solvent Blend.
PRODUCT DESCRIPTION:
 Light amber colored liquid - aerosol.




MANUFACTURER
Safariland LLC

DATE PREPARED: October 05, 2011
SUPERSEDES: All Previous Editions of CLP Liquid

ADDRESS (NUMBER, STREET, P.O. BOX)
 13386 International Parkway

TELEPHONE NUMBER FOR INFORMATION / Customer Service
800-347-1200

(CITY, STATE AND ZIP CODE) **COUNTRY**
 Jacksonville, FL. 32218 USA

CHEMTEL 24-HOUR EMERGENCY TELEPHONE NUMBER
 **1-800-255-3924** **01-813-248-0585**
 North America Toll Free International

SECTION 2 - HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

Mild respiratory irritant. May be harmful to lungs if swallowed; aspirant hazard.

POTENTIAL HEALTH EFFECTS

INHALATION:

Respiratory irritation and discomfort may be experienced if mists of materials resembling mineral oils are breathed at air concentrations exceeding recommended exposure levels. Excessive inhalation can cause respiratory irritation, central nervous system effects including dizziness, weakness, fatigue, nausea, headaches and possible unconsciousness.

SKIN:

Possible slight to moderate redness may occur with extended daily exposure. Not classified as a primary skin irritant or corrosive.

EYES:

Possible transient irritation. Not classified as a primary irritant.

INGESTION:

Single dose oral toxicity is considered very low. Small amounts swallowed incidental to handling operations are not likely to cause injury. Swallowing large amount may cause injury and if aspirated (liquid enters the lung) may be rapidly absorbed through the lungs and result in injury to other body systems.

CARCINOGENICITY:

NTP? No

IARC MONOGRAPHS? No

OSHA REGULATED? No

CALIFORNIA, Prop.65?

No

SECTION 3 - HAZARDOUS INGREDIENTS

Hazardous Components	% (Volume)	CAS #	EINECS #	Hazard Symbol	RISK PHRASES (Full Text Section 15)
Polyalphaolefin	NA	68649-12-7	Not Found	None	None
1-Decene, Dimer, Hydrotreated	NA	68649-11-6	500-228-5	None	None
Osodecyl-Perlargonate	NA	109-32-0	203-665-7	None	None
Petroleum Distillates, Hydrotreated, Light	NA	64742-47-8	265-149-8	Xn	R65

Notes:

SECTION 4 - FIRST AID MEASURES

INHALATION:

If inhaled, move to fresh air. Anesthetic or narcotic effects could occur from overexposure to vapors, so call a physician; if available, give oxygen. If breathing stops, give mouth-to-mouth resuscitation. Follow good industrial hygiene practices.

EYES:

Flush for at least 15 minutes with potable water, contact a physician if irritation persists.

SKIN:

Wash with plenty of soap and water.

INGESTION:

If swallowed, do not induce vomiting. If conscious, drink large quantities of water and seek immediate medical attention.

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SECTION 5 - FIRE FIGHTING MEASURES

GENERAL HAZARDS:

FLASH POINT: 132.2°C (270°F) COC. Combustible at elevated temperatures

EXTINGUISHING MEDIA:

Carbon Dioxide, Dry Chemical, Foam.

FIRE FIGHTING PROCEDURES:

Firefighters should wear NIOSH approved, positive pressure, self-contained breathing apparatus to avoid exposure from decomposition products. Proper eye and skin protection should be used. If a spill has not ignited, use water spray to disperse vapors and keep container cool.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

After ignition, the use of water can scatter the liquid thereby possibly spreading the fire. Ignition may also produce dense black smoke.

HAZARDOUS COMBUSTION PRODUCTS:

Carbon monoxide, carbon dioxide,

SECTION 6 - ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

For small spills, vacuum into waste containers or absorb with dry sand or absorbent cloth. For large spills immediately evacuate the area and shut off potential ignition sources. Dike the area to contain the spill. Take precautions as necessary to prevent contamination of ground or surface waters. Recover with a wet vacuum or absorb spilled material in sawdust or vermiculite and sweep into closed containers for disposal. DO NOT FLUSH INTO SEWER.

SECTION 7 - HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:

Keep away from open flame or other ignition sources. Do not store above 120°F. Maintain adequate ventilation and keep from children. Note that some vapors are heavier than air and can displace air in low areas or confined spaces such as pits or tanks. Do not enter those areas where large quantities of vapors are suspected of collecting until exchanging the air or using special breathing apparatus with an observer present for possible assistance.

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

HAZARDOUS COMPONENTS	NIOSH				ACGIH		OSHA	
	TWA ppm	TWA mg/m3	STEL ppm	STEL mg/m3	TLV/TWA ppm	TWA mg/m3	TWA ppm	PEL mg/m3
Polyalphaolefin	NA	5	NA	NA	5	Note: Exposure Limits are based on petroleum products with a misting tendency.		
1-Decene, Dimer, Hydrotreated	NA	5	NA	NA	5			
Osodecyl-Perlargonate	NA	5	NA	NA	NA			
Petroleum Distillates, Hydrotreated, Light	NA	5	NA	NA	5			

PERSONAL PROTECTION

RESPIRATORY PROTECTION:

Not required for normal work situations where adequate ventilation is provided. Use NIOSH European EN-149 approved self contained, positive pressure respirators for emergencies and in situations where air may be displaced by vapors. Follow OSHA Std. 29CFR 1910.134.

PROTECTIVE GLOVES:

Polyethylene, Neoprene or PVC protective gloves if there is prolonged and repeated contact with skin.

EYE PROTECTION:

For normal conditions wear safety glasses. Where there is reasonable probability of liquid contact, wear splash proof goggles. Contact lenses should not be worn under such conditions. Do not wear contact lenses.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

Safety shower and eye-wash fountain in manufacturing areas. Personal protective clothing and use of equipment must be in accordance with 29CFR 1910.132 and 29CFR 1910.133.

WORK / HYGIENIC PRACTICES:

Do not smoke, eat or drink while using the product. Wash hands with soap and water before smoking, eating, drinking or using toilet facilities. Launder contaminated clothing before re-use.

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SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR Light green to light amber colored liquid. Mild odor.	VAPOR PRESSURE NA
% VOLATILE: 8% by Weight	SPECIFIC GRAVITY (WATER = 1) 0.855
BOILING POINT / BOILING RANGE NE	SOLUBILITY IN WATER Nil
FLASH POINT 132.2°C (270°F) COC	VISCOSITY NA
FLAMMABLE LIMITS LEL: NE UEL: NE	VAPOR DENSITY (AIR = 1) NA
AUTO-IGNITION TEMPERATURE NE	EVAPORATION RATE < n-butyl acetate VOC- <5% by wt.

SECTION 10 - STABILITY AND REACTIVITY

STABILITY STABLE X	CONDITIONS TO AVOID: Sources of ignition- sparks, hot spots, flames, and cigarettes.
INCOMPATIBILITY (MATERIALS TO AVOID): Avoid strong oxidizing agents, acids & alkali materials	
HAZARDOUS DECOMPOSITION OR BYPRODUCTS: Hydrogen Sulfide, Isobutene & Methacrylate Monomers, Oxides of Carbon, Nitrogen & Sulfur.	
HAZARDOUS POLYMERIZATION: Will not occur.	CONDITIONS TO AVOID: None related to polymerization.

SECTION 11 - TOXICOLOGICAL INFORMATION

Hazardous Components	CAS # EINECS #	LD50 of Ingredient (Specify Species and Route)	LC50 of Ingredient (Specify Species)
Polyalphaolefin	68649-12-7 Not Found	NR	NR
1-Decene, Dimer, Hydrotreated	68649-11-6 500-228-5	NR	NR
Osodecyl-Perlargonate	109-32-0 203-665-7	NR	NR
Synthetic Isoparaffinic Hydrocarbon	64742-48-9 265-150-3	>5000 mg/kg (ORAL, RAT)	NR

SECTION 12 - ECOLOGICAL INFORMATION

No specific ecological information is available for this product, however it is known that organic compounds can be persistent pollutants. Do not release product in waterways or sewer systems.

SECTION 13 - DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD:
Recovered liquids may be reprocessed, or incinerated, or treated in a permitted hazardous waste management facility. Care must be taken when using or disposing of chemical materials and/or their containers to prevent environmental contamination. Dispose of chemical materials and/or their containers in accordance with the Clean Air Act, the Clean Water Act, the Resource Conservation and Recovery Act, as well as any other Federal, State, or local laws and regulations regarding disposal.

SECTION 14 - TRANSPORT INFORMATION

PROPER SHIPPING NAME: Not Regulated	IATA HAZARD CLASS / Pack Group: Not Regulated
DOT HAZARD CLASS / Pack Group: Not Regulated	IMDG HAZARD CLASS: Not Regulated
REFERENCE: 49CFR	RID/ADR Dangerous Goods Code: Not Regulated
UN / NA IDENTIFICATION NUMBER: Not Regulated	TDG Class / Pack Group: Not Regulated
LABEL: Not Regulated	Hazard Identification Number (HIN): Not Regulated
HAZARD SYMBOLS: None	

Note: Transportation information provided is for reference only. Client is urged to consult CFR 49 parts 100 - 177, IMDG, IATA, EU, United Nations TDG, and WHMIS (Canada) TDG information manuals for detailed regulations and exceptions covering specific container sizes, packaging materials and methods of shipping.

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SECTION 15 - REGULATORY INFORMATION

TSCA (USA - Toxic Substance Control Act): All components are listed.
SARA TITLE III (USA - Superfund Amendments and Reauthorization Act):
 Acute Health: **Yes** Chronic Health: **No**
 Fire: **No** Sudden Release of Pressure: **No**
 Reactive: **No**

313 REPORTABLE INGREDIENTS: None
CERCLA (USA - Comprehensive Response Compensation and Liability Act): No
California Prop 65, Safe Drinking Water and Toxic Enforcement Act of 1986: No
CPR (Canadian Controlled Products Regulations): Referenced.
IDL (Canadian Ingredient Disclosure List): Listed.
DSL / NDSL (Canadian Domestic Substances List / Non-Domestic Substances List): Listed on DSL.
EINECS (European Inventory of Existing Commercial Chemical Substances): Proprietary ingredients not referenced.

WGK Water Quality Index: 2

RISK PHRASES:	SYMBOL(S) REQUIRED FOR EU LABEL	SAFETY PHRASES:
R65 : Harmful: may cause lung damage if swallowed.	 Xn-Harmful	S2 : Keep out of the reach of children. S23 : Do not breathe spray . S62 : If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

SECTION 16 - OTHER INFORMATION

Legend: NA = Not Available, NE = Not Established, ND = Not Determined, C = Carcinogen, NTP = National Toxicology Program

HMIS HAZARD RATINGS	HEALTH:	1	0 = INSIGNIFICANT
	FLAMMABILITY:	1	1 = SLIGHT
	PHYSICAL HAZARD:	0	2 = MODERATE
	PERSONAL PROTECTIVE EQUIPMENT:	C	3 = HIGH
			4 = EXTREME

REVISION SUMMARY: Revised 10/5/2011

MSDS Prepared by:

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The information contained herein is believed to be accurate but is not warranted to be so. Data and calculations are based on information furnished by the manufacturer of the product and manufacturers of the components of the product. Users are advised to confirm in advance of need that information is current, applicable and suited to the circumstances of use. Vendor assumes no responsibility for injury to vendee or third persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Furthermore, vendor assumes no responsibility for injury caused by abnormal use of this material even if reasonable safety procedures are followed. Any questions regarding this product should be directed to the manufacturer of the product as described in Section 1.