



# SAFETY DATA SHEET

Prepared to OSHA, ACC, ANSI, WHSR, WHMIS, EU & GHS Standards

SDS Revision: 2.1

SDS Revision Date: 8/26/2024

## 1. PRODUCT & COMPANY IDENTIFICATION

1.1	Product Name:	<b>SUN BUM SPF40 FACE + BODY STICK</b>
1.2	Chemical Name:	Aqueous Solution
1.3	Synonyms:	SB-099
1.4	Trade Names:	Sun Bum SPF40 Face + Body Stick
1.5	Product Uses & Restrictions:	Personal Sundry
1.6	Distributor's Name:	<b>Sun Bum LLC</b>
1.7	Distributor's Address:	444 S Coast Hwy 101, Encinitas, CA 92024 USA
1.8	Emergency Phone:	<b>PERS +1 (801) 629-0667 // +1 (800) 633-8253 (CN11522)</b>
1.9	Business Phone / Fax:	+1 (321) 255-3250

## 2. HAZARDS IDENTIFICATION

2.1	Hazard Identification:	Prepared in accordance with UN Globally Harmonized standards. Intended to comply with OSHA 29 CFR 1910.1200. Canadian WHMIS and Australian Work Health and Safety standards. <b>WARNING: SUSPECTED OF DAMAGING FERTILITY OR THE UNBORN CHILD. VERY TOXIC TO AQUATIC LIFE WITH LONG LASTING EFFECTS.</b> Classification: Repr. 2, Aq. Chronic 1; H361d, H410
2.2	Label Elements:	<b>Hazard Statements (H):</b> H361d – Suspected of damaging fertility or the unborn child. H410 – Very toxic to aquatic life with long lasting effects.  <b>Precautionary Statements (P):</b> P203 – Obtain, read and follow all safety instructions before use. P273 – Avoid release to the environment. P280 – Wear eye protection. P305+P351+P338 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P318 – If exposed or concerned, get medical advice. P337+P317 – If eye irritation persists get medical help. P391 – Collect spillage. P405 – Store locked up. P501 – Dispose of contents/container to a licensed treatment, storage or disposal facility (TSDF).   
2.3	Other Warnings:	<b>KEEP OUT OF REACH OF CHILDREN.</b>

## 3. COMPOSITION & INGREDIENT INFORMATION

CHEMICAL NAME(S)	CAS No.	RTECS No.	EINECS No.	%	EXPOSURE LIMITS IN AIR (mg/m <sup>3</sup> )									OTHER
					ACGIH		NOHSC			OSHA				
					ppm		ppm			ppm				
					TLV	STEL	ES-TWA	ES-STEL	ES-PEAK	PEL	STEL	IDLH		
CARTHAMUS TINCTORIUS (SAFFLOWER) OLEOSOMES	8001-23-8	NA	232-276-5	5-20	NA	NA	NF	NF	NF	NA	NA	NA		
SODIUM STEARATE	822-16-2	NA	212-490-5	3-7	NA	NA	NF	NF	NF	NA	NA	NA	Skin Irrit. 2, Eye Irrit. 2A; H315, H319	
BUTYLOCTYL SALICYLATE	190085-41-7	NA	431-090-3	1-5	NA	NA	NF	NF	NF	NA	NA	NA		
OCTOCRYLENE	6197-30-4	NA	228-250-8	5-10	NA	NA	NF	NF	NF	NA	NA	NA	Aq. Chronic 1 (M=10); H410	
HOMOSALATE	118-56-9	NA	204-260-8	1-5	NA	NA	NF	NF	NF	NA	NA	NA	Repr. 2, Aq. Chronic 1 (M=10); H361d, H410	
EUPHORBIA CERA (CANDELILLA) WAX	8006-44-8	NA	232-347-0	1-5	NA	NA	NF	NF	NF	NA	NA	NA		
PROPANEDIOL	504-63-2	NA	207-997-3	1-5	NA	NA	NF	NF	NF	NA	NA	NA		
SORBITAN OLIVATE	223706-40-9	NA	NA	1-15	NA	NA	NF	NF	NF	NA	NA	NA		
VP/HEXADECENE COPOLYMER	63231-81-2	NA	625-939-9	1-15	NA	NA	NF	NF	NF	NA	NA	NA		
GLYCERIN	56-81-5	MA8050000	200-289-5	1-20	(10)	NA	NF	NF	NF	(5)	NA	NA		
AVOBENZONE	70356-09-1	NA	274-581-6	1-5	NA	NA	NF	NF	NF	NA	NA	NA	Aq. Chronic 4; H413	
OCTISALATE	118-60-5	NA	204-263-4	3-7	NA	NA	NF	NF	NF	NA	NA	NA	Repr. 2, Aq. Chronic 1 (M=10); H361d, H410	





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## 4. FIRST AID MEASURES

4.1	First Aid:	<p><b>Ingestion:</b> DO NOT INDUCE VOMITING. Contact the nearest Poison Control Center or local emergency telephone number for assistance and instructions. Seek immediate medical attention. If vomiting occurs spontaneously, keep victim's head lowered (forward) to reduce the risk of aspiration.</p> <p><b>Eyes:</b> If product gets in the eyes, flush eyes thoroughly with copious amounts of water for at least 15 minutes, holding eyelid(s) open to ensure complete flushing. If irritation persists, seek medical attention.</p> <p><b>Skin:</b> Remove contaminated clothing and wash affected areas with soap and water. If irritation persists, seek prompt medical attention. Do not wear contaminated clothing until after it has been properly cleaned.</p> <p><b>Inhalation:</b> Remove victim to fresh air at once.</p>										
4.2	Effects of Exposure:	<p><b>Ingestion:</b> If product is swallowed, may cause nausea, vomiting and/or diarrhea.</p> <p><b>Eyes:</b> Symptoms of overexposure may include redness, itching, irritation and watering.</p> <p><b>Skin:</b> May be irritating to skin in some sensitive individuals.</p> <p><b>Inhalation:</b> None expected.</p>										
4.3	Symptoms of Overexposure:	<p><b>Ingestion:</b> Nausea, intestinal discomfort, vomiting and/or diarrhea.</p> <p><b>Eyes:</b> Overexposure in eyes may cause redness, itching and watering.</p> <p><b>Skin:</b> Symptoms of skin overexposure may include redness, itching, and irritation of affected areas. The product can cause allergic skin reactions (e.g., rashes, welts, dermatitis) in some sensitive individuals.</p>										
4.4	Acute Health Effects:	Moderate irritation to eyes. Moderate irritation to skin near affected areas.										
4.5	Chronic Health Effects:	No harmful or chronic health effects are expected to occur from a single accidental ingestion. Components of this product contained in very small, may be mild allergens to some sensitive individuals.										
4.6	Target Organs:	Eyes.										
4.7	Medical Conditions Aggravated by Exposure:	None reported by the manufacturer.										
		<table border="1"> <tr><td><b>HEALTH</b></td><td><b>1</b></td></tr> <tr><td><b>FLAMMABILITY</b></td><td><b>0</b></td></tr> <tr><td><b>PHYSICAL HAZARDS</b></td><td><b>0</b></td></tr> <tr><td><b>PROTECTIVE EQUIPMENT</b></td><td><b>A</b></td></tr> <tr><td><b>EYES</b></td><td></td></tr> </table>	<b>HEALTH</b>	<b>1</b>	<b>FLAMMABILITY</b>	<b>0</b>	<b>PHYSICAL HAZARDS</b>	<b>0</b>	<b>PROTECTIVE EQUIPMENT</b>	<b>A</b>	<b>EYES</b>	
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<b>EYES</b>												

## 5. FIREFIGHTING MEASURES

5.1	Fire & Explosion Hazards:	If involved in a fire, this product may decompose at high temperatures to form toxic gases (e.g., CO, CO <sub>2</sub> , NO <sub>x</sub> ).	
5.2	Extinguishing Methods:	Water, Foam, CO <sub>2</sub> , Dry Chemical	
5.3	Firefighting Procedures:	First responders should wear eye protection. Structural fire fighters must wear full protective equipment and MSHA/NIOSH-approved self-contained breathing apparatus. If possible, prevent runoff water from entering storm drains, bodies of water, or other environmentally sensitive areas. If necessary, rinse contaminated equipment with soapy water before returning to service.	

## 6. ACCIDENTAL RELEASE MEASURES

6.1	Spills:	<p>Before cleaning any spill or leak, individuals involved in spill cleanup must wear appropriate Personal Protective Equipment (PPE).</p> <p>For <u>small spills</u> (e.g., &lt; 1 gallon (3.8 L)) or <u>large spills</u> (e.g., ≥ 1 gallon (3.8 L)), wear appropriate personal protective equipment (e.g., goggles, gloves). Remove spilled material with absorbent material and place into appropriate closed container(s) for disposal. Dispose of properly in accordance with local, state and federal regulations. Wash all affected areas and outside of container with plenty of warm water and soap. Remove any contaminated clothing and wash thoroughly before reuse.</p>
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## 7. HANDLING & STORAGE INFORMATION

7.1	Work & Hygiene Practices:	Do not eat, drink, or smoke while handling this product. Upon completion of work activities involving large quantities of this product, wash any exposed areas thoroughly with soap and water.
7.2	Storage & Handling:	Use and store in a cool, dry, well-ventilated location (e.g., local exhaust ventilation, fans). Keep away from excessive heat and open flames.
7.3	Special Precautions:	Spilled material may present a slipping hazard if left unattended. Clean all spills promptly.





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## 8. EXPOSURE CONTROLS & PERSONAL PROTECTION

8.1	Exposure Limits: ppm (mg/m <sup>3</sup> )	CHEMICAL NAME(S)	ACGIH		NOHSC			OSHA			OTHER
			TLV	STEL	ES-TWA	ES-STEL	ES-PEAK	PEL	STEL	IDLH	
			GLYCERIN								
			(10)	NA	NF	NF	NF	(5)	NA	NA	
8.2	Ventilation & Engineering Controls:	When working with large quantities of product, provide adequate ventilation (e.g., local exhaust ventilation, fans). Ensure that an eyewash station, sink or washbasin is available in case of exposure to eyes.									
8.3	Respiratory Protection:	No special respiratory protection is required under typical circumstances of use or handling. If necessary, use only respiratory protection authorized per U.S. OSHA's requirement in 29 CFR §1910.134, or applicable U.S. state regulations, or the appropriate standards of Canada, its provinces, E.C. member states, or Australia.									
8.4	Eye Protection:	Avoid direct eye contact. None required under normal conditions of use. When handling large quantities (e.g., ≥ 1 gallon) safety glasses with side shields should be used.									
8.5	Hand Protection:	None required under normal conditions of use. However, may cause skin irritation in some sensitive individuals. When handling large quantities (e.g., ≥ 1 gallon), wear rubber or impervious plastic gloves.									
8.6	Body Protection:	No apron required when handling small quantities. When handling large quantities (e.g., ≥ 1 gallon), eye wash stations and deluge showers should be available.									

## 9. PHYSICAL & CHEMICAL PROPERTIES

9.1	Appearance:	Opaque pale to dark yellow waxy stick
9.2	Odor:	Banana/Vanilla
9.3	Odor Threshold:	NA
9.4	pH:	NA
9.5	Melting Point/Freezing Point:	NA
9.6	Initial Boiling Point/Boiling Range:	NA
9.7	Flashpoint:	NA
9.8	Upper/Lower Flammability Limits:	NA
9.9	Vapor Pressure:	NA
9.10	Vapor Density:	NA
9.11	Relative Density:	1.00-1.04
9.12	Solubility:	Insoluble
9.13	Partition Coefficient (log P <sub>ow</sub> ):	NA
9.14	Autoignition Temperature:	NA
9.15	Decomposition Temperature:	NA
9.16	Viscosity:	20,000 – 60,000 cPs (RV SP# 6 @ 10 RPM)
9.17	Other Information:	NA

## 10. STABILITY & REACTIVITY

10.1	Stability:	This product is stable.
10.2	Hazardous Decomposition Products:	Oxides of carbon (CO, CO <sub>2</sub> ) and nitrogen (NO <sub>x</sub> ).
10.3	Hazardous Polymerization:	Will not occur.
10.4	Conditions to Avoid:	Open flames, sparks and high heat.
10.5	Incompatible Substances:	Strong oxidizing agents.

## 11. TOXICOLOGICAL INFORMATION

11.1	Routes of Entry:	Inhalation: NO	Absorption: YES	Ingestion: YES
11.2	Toxicity Data:	This product has NOT been tested on animals to obtain toxicology data. Toxicology data, found in scientific literature, is available for some of the components.		
11.3	Acute Toxicity:	See Section 4.4.		
11.4	Chronic Toxicity:	See Section 4.5.		
11.5	Suspected Carcinogen:	No.		
11.6	Reproductive Toxicity:	This product is reported to cause damage to fertility or the unborn child [ECHA].		
	Mutagenicity:	This product is not reported to produce mutagenic effects in humans.		
	Embryotoxicity:	This product is not reported to produce embryotoxic effects in humans.		
	Teratogenicity:	This product is not reported to cause teratogenic effects in humans.		
	Reproductive Toxicity:	This product is reported to cause damage to fertility or the unborn child [ECHA].		
11.7	Irritancy of Product:	See Section 4.3.		
11.8	Biological Exposure Indices:	NE		
11.9	Physician Recommendations:	Treat symptomatically.		





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## 12. ECOLOGICAL INFORMATION

12.1	Environmental Stability:	There is no specific data available for this product.
12.2	Effects on Plants & Animals:	There is no specific data available for this product.
12.3	Effects on Aquatic Life:	The product itself has not been tested as a whole. There is no specific data available for this product.

## 13. DISPOSAL CONSIDERATIONS

13.1	Waste Disposal:	Dispose of in accordance with federal, state and local regulations.
13.2	Special Considerations:	NA

## 14. TRANSPORTATION INFORMATION

The basic description (ID Number, proper shipping name, hazard class & division, packing group) is shown for each mode of transportation. Additional descriptive information may be required by 49 CFR, IATA/ICAO, IMDG and the CTDGR.

14.1	49 CFR (GND):	(≤ 450 L): EXCEPTED FROM REGULATION PER 49 CFR § 171.4 (> 450 L): UN3077, ENVIRONMENTALLY HAZARDOUS SUBSTANCES, SOLID, N.O.S. (octocrylene, homosalate), 9, III, MARINE POLLUTANT	
14.2	IATA (AIR):	(≤ 5 L): EXCEPTED FROM REGULATION PER IATA § 4.4, SP A197 (> 5 L): UN3077, ENVIRONMENTALLY HAZARDOUS SUBSTANCES, SOLID, N.O.S. (octocrylene, homosalate), 9, III, MARINE POLLUTANT	
14.3	IMDG (OCN):	(≤ 5 L): EXCEPTED FROM REGULATION PER 2.10.2.7 (> 5 L): UN3077, ENVIRONMENTALLY HAZARDOUS SUBSTANCES, SOLID, N.O.S. (octocrylene, homosalate), 9, III, MARINE POLLUTANT	
14.4	TDGR (Canadian GND):	(≤ 450 L): EXCEPTED FROM REGULATION PER TDGR, Schedule 2, SP 99 (2) (> 450 L): UN3077, ENVIRONMENTALLY HAZARDOUS SUBSTANCES, SOLID, N.O.S. (octocrylene, homosalate), 9, III, MARINE POLLUTANT	
14.5	ADR/RID (EU):	(≤ 5 L): EXCEPTED FROM REGULATION PER ADR § 3.3, SP 375 (> 5 L): UN3077, ENVIRONMENTALLY HAZARDOUS SUBSTANCES, SOLID, N.O.S. (octocrylene, homosalate), 9, III, MARINE POLLUTANT	
14.6	SCT (MEXICO):	(≤ 5 L): EXCEPTED FROM REGULATION PER NOM-003-SCT, Schedule 2, SP 99 (2) (> 5 L): UN3077, SUBSTANCIA SOLIDA POTENCIALMENTE PELIGROSAS PARA EL MEDIO AMBIENTE, N.E.P. (octocileno, homosalato), 9, III, MARINE POLLUTANT	
14.7	ADGC (AUS):	(≤ 5 L): EXCEPTED FROM REGULATION PER ADGC § 3.3.2, SP 375 (> 5 L): UN3077, ENVIRONMENTALLY HAZARDOUS SUBSTANCES, SOLID, N.O.S. (octocrylene, homosalate), 9, III, MARINE POLLUTANT	
14.1	49 CFR (GND):	NOT REGULATED	
14.2	IATA (AIR):	NOT REGULATED	
14.3	IMDG (OCN):	NOT REGULATED	
14.4	TDGR (Canadian GND):	NOT REGULATED	
14.5	ADR/RID (EU):	NOT REGULATED	
14.6	SCT (MEXICO):	NOT REGULATED	
14.7	ADGR (AUS):	NOT REGULATED	

## 15. REGULATORY INFORMATION

15.1	SARA Reporting Requirements:	This product does not contain any substances subject to SARA Title III, section 313 reporting requirements.
15.2	SARA Threshold Planning Quantity:	There are no specific Threshold Planning Quantities for the components of this product.
15.3	TSCA Inventory Status:	The components of this product are listed on the TSCA Inventory.
15.4	CERCLA Reportable Quantity (RQ):	NA
15.5	Other Federal Requirements:	This product complies with the appropriate sections of the Food and Drug Administration's 21 CFR Subchapter G, (Cosmetics).
15.6	Other Canadian Regulations:	This product has been classified according to the hazard criteria of the HPR and the SDS contains all of the information required by the HPR. The components of this product are listed on the DSL/NDSL. None of the components of this product are listed on the Priorities Substances List.
15.7	State Regulatory Information:	No ingredients in this product, present in a concentration of 1.0% or greater, are listed on any of the following state criteria lists: California Proposition 65 (CA65), Delaware Air Quality Management List (DE), Florida Toxic Substances List (FL), Massachusetts Hazardous Substances List (MA), Michigan Critical Substances List (MI), Minnesota Hazardous Substances List (MN), New Jersey Right-to-Know List (NJ), New York Hazardous Substances List (NY), Pennsylvania Right-to-Know List (PA), Washington Permissible Exposures List (WA), Wisconsin Hazardous Substances List (WI).
15.8	Other Requirements:	NA





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## 16. OTHER INFORMATION

16.1	Other Information:	<p><b>WARNING! SUSPECTED OF DAMAGING FERTILITY OR THE UNBORN CHILD. VERY TOXIC TO AQUATIC LIFE WITH LONG LASTING EFFECTS.</b></p> <p>Use only as directed. Discontinue use immediately if irritation develops. Obtain, read and follow all safety instructions before use. Avoid release to the environment. Wear eye protection. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If exposed or concerned, get medical advice. If eye irritation persists: Get medical help. Collect spillage. Store locked up. Dispose of contents/container to a licensed treatment, storage or disposal facility (TSDF).</p> <p><b>KEEP OUT OF REACH OF CHILDREN.</b></p>	
16.2	Terms & Definitions:	See last page of this Safety Data Sheet.	
16.3	Disclaimer:	This Safety Data Sheet is offered pursuant to OSHA's Hazard Communication Standard, 29 CFR §1910.1200. Other government regulations must be reviewed for applicability to this product. To the best of ShipMate's & Sun Bum's knowledge, the information contained herein is reliable and accurate as of this date; however, accuracy, suitability or completeness is not guaranteed and no warranties of any type, either expressed or implied, are provided. The information contained herein relates only to the specific product(s). If this product(s) is combined with other materials, all component properties must be considered. Data may be changed from time to time. Be sure to consult the latest edition.	
16.4	Prepared for:	<p><b>Sun Bum LLC</b> 444 S Coast Hwy 101 Encinitas, CA 92024 USA Tel: +1 (321) 255-3250 <a href="http://www.trustthebum.com/">http://www.trustthebum.com/</a></p>	
16.5	Prepared by:	<p><b>ShipMate, Inc.</b> P.O. Box 787 Sisters, Oregon 97759-0787 USA Tel: +1 (310) 370-3600 Fax: +1 (310) 370-5700 <a href="http://www.shipmate.com">http://www.shipmate.com</a></p>	





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## DEFINITION OF TERMS

A large number of abbreviations and acronyms appear on a SDS. Some of these that are commonly used include the following:

### GENERAL INFORMATION:

CAS No.	Chemical Abstract Service Number
RTECS No.	Registry of Toxic Effects of Chemical Substances Number
EINECS No.	European Inventory of Existing Commercial Chemical Substances Number

### EXPOSURE LIMITS IN AIR:

ACGIH	American Conference on Governmental Industrial Hygienists
IDLH	Immediately Dangerous to Life and Health
NOHSC	National Occupational Health and Safety Commission (Australia)
OSHA	U.S. Occupational Safety and Health Administration
PEL	Permissible Exposure Limit
STEL	Short Term Exposure Limit
TLV	Threshold Limit Value
TWA	Time Weighted Average

### FIRST AID MEASURES:

CPR	Cardiopulmonary resuscitation - method in which a person whose heart has stopped receives manual chest compressions and breathing to circulate blood and provide oxygen to the body.
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### HAZARDOUS MATERIALS IDENTIFICATION SYSTEM: HMIS

### HEALTH, FLAMMABILITY & REACTIVITY RATINGS:

0	Minimal Hazard
1	Slight Hazard
2	Moderate Hazard
3	Severe Hazard
4	Extreme Hazard



### PERSONAL PROTECTION RATINGS:

A		G	
B		H	
C		I	
D		J	
E		K	
F		X	Consult your supervisor or SOPs for special handling directions.


### OTHER STANDARD ABBREVIATIONS:

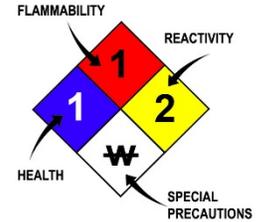
Carc	Carcinogenic
Irrit	Irritant
NA	Not Available
NR	No Results
ND	Not Determined
NE	Not Established
NF	Not Found
SCBA	Self-Contained Breathing Apparatus
Sens	Sensitization
STOT RE	Specific Target Organ Toxicity – Repeat Exposure
STOT SE	Specific Target Organ Toxicity – Single Exposure

### NATIONAL FIRE PROTECTION ASSOCIATION: NFPA

<b>FLAMMABILITY LIMITS IN AIR:</b>	
<b>Autoignition Temperature</b>	Minimum temperature required to initiate combustion in air with no other source of ignition
<b>LEL</b>	Lower Explosive Limit - lowest percent of vapor in air, by volume, that will explode or ignite in the presence of an ignition source
<b>UEL</b>	Upper Explosive Limit - highest percent of vapor in air, by volume, that will explode or ignite in the presence of an ignition source

### HAZARD RATINGS:

0	Minimal Hazard
1	Slight Hazard
2	Moderate Hazard
3	Severe Hazard
4	Extreme Hazard
ACD	Acidic
ALK	Alkaline
COR	Corrosive
W	Use No Water
OX	Oxidizer
TREFOIL	Radioactive



### TOXICOLOGICAL INFORMATION:

LD <sub>50</sub>	Lethal Dose (solids & liquids) which kills 50% of the exposed animals
LC <sub>50</sub>	Lethal concentration (gases) which kills 50% of the exposed animal
ppm	Concentration expressed in parts of material per million parts
TD <sub>10</sub>	Lowest dose to cause a symptom
TCLo	Lowest concentration to cause a symptom
TD <sub>10</sub> , LD <sub>10</sub> , & LD <sub>0</sub> or TC, TC <sub>0</sub> , LC <sub>10</sub> , & LC <sub>0</sub>	Lowest dose (or concentration) to cause lethal or toxic effects
IARC	International Agency for Research on Cancer
NTP	National Toxicology Program
RTECS	Registry of Toxic Effects of Chemical Substances
BCF	Bioconcentration Factor
TL <sub>m</sub>	Median threshold limit
log K <sub>ow</sub> or log K <sub>oc</sub>	Coefficient of Oil/Water Distribution

### REGULATORY INFORMATION:

WHMIS	Canadian Workplace Hazardous Material Information System
DOT	U.S. Department of Transportation
TC	Transport Canada
EPA	U.S. Environmental Protection Agency
DSL	Canadian Domestic Substance List
NDSL	Canadian Non-Domestic Substance List
PSL	Canadian Priority Substances List
TSCA	U.S. Toxic Substance Control Act
EU	European Union (European Union Directive 67/548/EEC)
WGK	Wassergefährdungsklassen (German Water Hazard Class)

### CLP/GHS (1272/2008/EC) PICTOGRAMS:

GHS01	GHS02	GHS03	GHS04	GHS05	GHS06	GHS07	GHS08	GHS09
Explosive	Flammable	Oxidizer	Pressurized	Corrosive	Toxic	Harmful Irritating	Health Hazard	Environment

