			Revision nr. 1
	Fila Chemica	ais USA	
			Dated 3/25/2019
	PROST	RIP	First compilation
			Page n. 1/14
Safety data	sheet according to l	J.S.A. Federal	Hazcom 2012
<b>SECTION 1. Identification</b>	of the substance/mixture an	d of the company/u	ndertaking.
1.1. Product identifier.			
Product name.	PROSTRIP		
	substance or mixture and uses advised	l against.	
Intended use. Graff	iti cleaner.		
Identified Uses	Industrial.	Professional.	Consumer.
Uses	4	<ul> <li>✓</li> </ul>	<ul> <li>✓</li> </ul>
1.3. Details of the supplier of the s	afety data sheet.		
Name.	Fila Chemicals USA	# 470	
Full address. District and Country.	10800 NW 21st St Ste Miami, FL 33172	# 170	
	Tel. (305) 513-0708		
	Fax. (305) 513-0728		
e-mail address of the competent pers	filausa@filasolutions.c	om	
responsible for the Safety Data Shee		ı	
		-	
<b>1.4. Emergency telephone number</b> For urgent inquiries refer to.	800-424-9300 CHEMTF	REC	
SECTION 2. Hazards iden	itification.		
2.1. Classification of the substance	e or mixture.		
The product is classified as hazardous product thus requires a safety datashe		SHA Hazard Communication	Standard (HCS) (29 CFR 1910.1200). The
	the risks for health and/or the environment	are given in sections 11 and	12 of this sheet.
Classification and Hazard Statement.			
Flammable liquid, category 4		Combustible liquid.	
Serious eye damage, category 1 Specific target organ toxicity - single		Causes serious eye damage. May cause drowsiness or diz	
Hazard pictograms:			
Signal worday			
Signal words: Danger			

Keep awa Avoid bre Use only Wear pro IF INHAL IF IN EYE rinsing. Immediat In case of Store in a Store lock	ble liquid. erious eye damage. e drowsiness or dizziness. ay from heat, hot surfaces, spar athing dust / fume / gas / mist / outdoors or in a well-ventilated tective gloves / eye protection / ED: remove person to fresh air S: Rinse cautiously with water ely call a POISON CENTER / d i fire: use dry chemical or carbo well-ventilated place. Keep con well-ventilated place. Keep con	area. face protection. and keep comfortable for breathing. for several minutes. Remove contact octor / on dioxide (CO2) to extinguish. ntainer tightly closed.	lenses, if present and easy to do. Continue
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Store in a Store lock	well-ventilated place. Keep cook ked up.	ol.	nternational regulations.
Store lock	ked up.		nternational regulations.
		dance with local, regional, national, ir	nternational regulations.
Dispose o	of contents / container in accord	dance with local, regional, national, ir	nternational regulations.
Dispose o	or contents / container in accord	dance with local, regional, national, ir	nternational regulations.
necition	linformation on ingra	dianto	
iposition	/mormation on ingre	aients.	
(H) phrases	is given in section 16 of the she	eet. Classification:	Trade secret:
NOL			
	F < V = 00	Flammable liquid estages 2	8
	5 ≤ X < 20	H226, Specific target organ toxicity - single exposure,	§
(	(H) phrases	(H) phrases is given in section 16 of the sh	IOL 5 ≤ x < 20 H226, Specific target organ

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5≤x< 25	Acute toxicity, category 4 H302, Serious eye damage, category 1 H318, Hazardous to the aquatic environment, chronic toxicity, category 3 H412	§	
5≤x< 10	H226, Specific target organ toxicity - single exposure,	§	
	<b>P</b> I 5≤x< 25	<ul> <li>H302, Serious eye damage, category 1 H318, Hazardous to the aquatic environment, chronic toxicity, category 3 H412</li> <li>5 ≤ x &lt; 10</li> <li>Flammable liquid, category 3 H226, Specific target organ</li> </ul>	PROSTRIP         5 ≤ x < 25

Note: Upper limit is not included into the range.

§ The exact percentage (concentration) of composition has been withheld as a trade secret.

The full wording of the hazard (H) phrases is given in section 16 of the sheet.

### **SECTION 4. First aid measures.**

#### 4.1. Description of first aid measures.

EYES: Remove contact lenses, if present. Wash immediately with plenty of water for at least 15 minutes, opening the eyelids fully. If problem persists, seek medical advice.

SKIN: Remove contaminated clothing. Rinse skin with a shower immediately. Wash contaminated clothing before using it again. INHALATION: Remove to open air. If the subject stops breathing, administer artificial respiration. Get medical advice/attention immediately. INGESTION: Get medical advice/attention immediately. Do not induce vomiting. Do not administer anything not explicitly authorised by a doctor.

#### 4.2. Most important symptoms and effects, both acute and delayed.

Specific information on symptoms and effects caused by the product are unknown. For symptoms and effects caused by the contained substances, see chap. 11.

4.3. Indication of any immediate medical attention and special treatment needed.

Information not available.

### **SECTION 5. Firefighting measures.**

#### 5.1. Extinguishing media.

SUITABLE EXTINGUISHING EQUIPMENT Extinguishing substances are: carbon dioxide, foam, chemical powder. For product loss or leakage that has not caught fire, water spray can be used to

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disperse flammable vapours and protect those trying to stem the leak.

UNSUITABLE EXTINGUISHING EQUIPMENT

Do not use jets of water. Water is not effective for putting out fires but can be used to cool containers exposed to flames to prevent explosions.

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### 5.2. Special hazards arising from the substance or mixture.

HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE Excess pressure may form in containers exposed to fire at a risk of explosion. Do not breathe combustion products.

### 5.3. Advice for firefighters.

### GENERAL INFORMATION

Use jets of water to cool the containers to prevent product decomposition and the development of substances potentially hazardous for health. Always wear full fire prevention gear. Collect extinguishing water to prevent it from draining into the sewer system. Dispose of contaminated water used for extinction and the remains of the fire according to applicable regulations.

SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS

Normal fire fighting clothing i.e. fire kit (BS EN 469), gloves (BS EN 659) and boots (HO specification A29 and A30) in combination with self-contained open circuit positive pressure compressed air breathing apparatus (BS EN 137).

### **SECTION 6.** Accidental release measures.

### 6.1. Personal precautions, protective equipment and emergency procedures.

Block the leakage if there is no hazard.

Wear suitable protective equipment (including personal protective equipment referred to under Section 8 of the safety data sheet) to prevent any contamination of skin, eyes and personal clothing. These indications apply for both processing staff and those involved in emergency procedures.

### 6.2. Environmental precautions.

The product must not penetrate into the sewer system or come into contact with surface water or ground water.

### 6.3. Methods and material for containment and cleaning up.

Collect the leaked product into a suitable container. If the product is flammable, use explosion-proof equipment. Evaluate the compatibility of the container to be used, by checking section 10. Absorb the remainder with inert absorbent material. Make sure the leakage site is well aired. Contaminated material should be disposed of in compliance with the provisions set forth in point 13.

### 6.4. Reference to other sections.

Any information on personal protection and disposal is given in sections 8 and 13.

### **SECTION 7.** Handling and storage.

7.1. Precautions for safe handling.

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Keep away from heat, sparks and naked flames; do not smoke or use matches or lighters. Without adequate ventilation, vapours may accumulate at ground level and, if ignited, catch fire even at a distance, with the danger of backfire. Avoid bunching of electrostatic charges. Do not eat, drink or smoke during use. Remove any contaminated clothes and personal protective equipment before entering places in which people eat. Avoid leakage of the product into the environment.

### 7.2. Conditions for safe storage, including any incompatibilities.

Store only in the original container. Store in a well ventilated place, keep far away from sources of heat, naked flames and sparks and other sources of ignition. Keep containers away from any incompatible materials, see section 10 for details.

### 7.3. Specific end use(s).

Information not available.

### **SECTION 8. Exposure controls/personal protection.**

### 8.1. Control parameters.

Regulatory References:

inants TABLE Z-1-
(Cal-OSHA)
ve 2004/37/EC;

### 1-METHOXY-2-PROPANOL

Threshold Limit Value.							
Туре	Country	TWA/8h		STEL/15min			
		mg/m3	ppm	mg/m3	ppm		
OEL	EU	375	100	568	150	SKIN.	
TLV-ACGIH	-	184	50	368	100		
CAL/OSHA	USA	360	100	540	150	SKIN.	
NIOSH	USA	360	100	540	150		

### N-BUTYL ACETATE

Threshold Limit Value.	Country	TWA/8h		STEL/15min		
		mg/m3	ppm	mg/m3	ppm	
TLV-ACGIH	-		50		150	
OSHA	USA	710	150			
CAL/OSHA	USA	710	150	950	200	
NIOSH	USA	710	150	950	200	

Legend:

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(C) = CEILING ; INHAL = Inhalable Fraction ; RESP = Respirable Fraction ; THORA = Thoracic Fraction.

#### 8.2. Exposure controls.

As the use of adequate technical equipment must always take priority over personal protective equipment, make sure that the workplace is well aired through effective local aspiration. Personal protective equipment must comply with current regulations.

### HAND PROTECTION

Protect hands with category III work gloves (OSHA 29 CFR 1910.138).

The following should be considered when choosing work glove material: compatibility, degradation, failure time and permeability.

The work gloves' resistance to chemical agents should be checked before use, as it can be unpredictable. The gloves' wear time depends on the duration and type of use.

#### SKIN PROTECTION

Wear category I professional long-sleeved overalls and safety footwear (see Directive 89/686/EEC and standard EN ISO 20344). Wash body with soap and water after removing protective clothing.

#### EYE PROTECTION

Wear airtight protective goggles (OSHA 29 CFR 1910.133).

#### RESPIRATORY PROTECTION

If the threshold value (e.g. TLV-TWA) is exceeded for the substance or one of the substances present in the product, wear a mask with a NIOSH certified filter, whose class must be chosen according to the limit of use concentration (NIOSH 42 CFR 84, OSHA 29 CFR 1910.134). In the presence of gases or vapours of various kinds and/or gases or vapours containing particulate (aerosol sprays, fumes, mists, etc.) combined filters are required.

Respiratory protection devices must be used if the technical measures adopted are not suitable for restricting the worker's exposure to the threshold values considered. The protection provided by masks is in any case limited.

If the substance considered is odourless or its olfactory threshold is higher than the corresponding TLV-TWA and in the case of an emergency, wear open-circuit compressed air breathing apparatus or external air-intake breathing apparatus. For a correct choice of respiratory protection device, see standard NIOSH 42 CFR 84 and OSHA 29 CFR 1910.134.

ENVIRONMENTAL EXPOSURE CONTROLS.

The emissions generated by manufacturing processes, including those generated by ventilation equipment, should be checked to ensure compliance with environmental standards.

### **SECTION 9.** Physical and chemical properties.

#### 9.1. Information on basic physical and chemical properties.

Appearance Colour Odour Odour threshold. pH. Melting point / freezing point. Initial boiling point. Boiling range. Flash point. Evaporation rate Flammability (solid, gas) Lower inflammability limit. Upper inflammability limit. Lower explosive limit.	liquid transparent typical of organic solvent Not available. 6.1 Not available. Not available. >142°F (>61°C) Not available. Not available. Not available. Not available. Not available. Not available.
Upper explosive limit.	
Vapour pressure.	Not available. Not available.
Vapour density Relative density.	1.02

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Solubility Partition coefficient: n-octanol/water Auto-ignition temperature. Decomposition temperature. Viscosity Explosive properties Oxidising properties	soluble in water Not available. Not available. Not available. Not available. Not available. Not available. Not available.				
9.2. Other information.					
VOC (volatile carbon) :	15.5%.				
SECTION 10. Stability an	d reactivity.				
10.1. Reactivity.					
There are no particular risks of reaction	n with other substances in normal conditions of use.				
1-METHOXY-2-PROPANOL					
Dissolves various plastic materials.Sta	ble in normal conditions of use and storage. organic solvents. With air it may slowly form explosive peroxides.				
N-BUTYL ACETATE Decomposes on contact with: water.					
10.2. Chemical stability.	10.2. Chemical stability.				
-					
The product is stable in normal condition	ons of use and storage				
The product is stable in normal conditions of use and storage.					
10.3. Possibility of hazardous read	tions				
TO.S. I USSIDINTY OF Hazardous read	4015.				
The vapours may also form explosive r	mixtures with the air				
1-METHOXY-2-PROPANOL May react dangerously with: strong oxi	dising agents, strong acids.				
N-BUTYL ACETATE Risk of explosion on contact with: strong oxidising agents. May react dangerously with: alkaline hydroxides, potassium tert-butoxide. Forms explosive					
mixtures with: air.					
10.4. Conditions to avoid.					
Avoid overheating. Avoid bunching of e	electrostatic charges. Avoid all sources of ignition.				

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#### 1-METHOXY-2-PROPANOL Avoid exposure to: air.

N-BUTYL ACETATE Avoid exposure to: moisture,sources of heat,naked flames.

10.5. Incompatible materials.

1-METHOXY-2-PROPANOL Incompatible with: oxidising substances,strong acids,alkaline metals.

N-BUTYL ACETATE Incompatible with: water,nitrates,strong oxidants,acids,alkalis,zinc.

10.6. Hazardous decomposition products.

In the event of thermal decomposition or fire, gases and vapours that are potentially dangerous to health may be released.

## **SECTION 11. Toxicological information.**

In the absence of experimental data for the product itself, health hazards are evaluated according to the properties of the substances it contains, using the criteria specified in the applicable regulation for classification. It is therefore necessary to take into account the concentration of the individual hazardous substances indicated in section 3, to evaluate the toxicological effects of exposure to the product.

### 11.1. Information on toxicological effects.

1-METHOXY-2-PROPANOLThe main way of entry is the skin, whereas the respiratory way is less important owing to the low vapour tension of the product. Concentrations above 100 ppm cause eye irritation, nose and oropharynx. At 1000 ppm disturbance in the equilibrium and severe eye irritation is observed. Clinical and biological examinations carried out on exposed volunteers revealed no anomalies. Acetate produces greater skin and ocular irritation on direct contact. No chronic effects have been reported in man.

ACUTE TOXICITY.

LC50 (Inhalation - vapours) of the mixture:Not classified (no significant component). LC50 (Inhalation - mists / powders) of the mixture:Not classified (no significant component). LD50 (Oral) of the mixture:>2000 mg/kg LD50 (Dermal) of the mixture:Not classified (no significant component).

1-METHOXY-2-PROPANOL LD50 (Oral).5300 mg/kg Rat LD50 (Dermal).13000 mg/kg Rabbit LC50 (Inhalation).54.6 mg/l/4h Rat

N-BUTYL ACETATE LD50 (Oral).> 6400 mg/kg Rat LD50 (Dermal).> 5000 mg/kg Rabbit LC50 (Inhalation).21.1 mg/l/4h Rat

Carcinogenicity Assessment:107-98-21-METHOXY-2-PROPANOL ACGIH:: A4

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SKIN CORROSION / IRRITATION.		
Does not meet the classification criteria fo	r this hazard class	
SERIOUS EYE DAMAGE / IRRITATION.		
Causes serious eye damage.		
ESPIRATORY OR SKIN SENSITISATIC		
Does not meet the classification criteria fo	r this hazard class.	
GERM CELL MUTAGENICITY.	a this is seen at stars.	
oes not meet the classification criteria fo ARCINOGENICITY.	r this nazard class.	
Does not meet the classification criteria fo	r this hazard class.	
REPRODUCTIVE TOXICITY.		
Does not meet the classification criteria fo	r this hazard class.	
TOT - SINGLE EXPOSURE.		
Aay cause drowsiness or dizziness.		
STOT - REPEATED EXPOSURE. Does not meet the classification criteria fo	r this bazard class	
SPIRATION HAZARD.	1 1113 1142414 61433.	
Does not meet the classification criteria fo	r this hazard class.	

No specific data are available for this product. Handle it according to good working practices. Avoid littering. Do not contaminate soil and waterways. Inform the competent authorities, should the product reach waterways or contaminate soil or vegetation. Please take all the proper measures to reduce harmful effects on aquifers. **12.1. Toxicity.** 

Information not available.

### 12.2. Persistence and degradability.

1-METHOXY-2-PROPANOL Solubility in water. Rapidly biodegradable.	1000 - 10000 mg/l
N-BUTYL ACETATE Solubility in water.	1000 - 10000 mg/l
12.3. Bioaccumulative potential.	
1-METHOXY-2-PROPANOL Partition coefficient: n- octanol/water.	< 1
N-BUTYL ACETATE Partition coefficient: n- octanol/water. BCF.	2.3 15.3

12.4. Mobility in soil.

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### N-BUTYL ACETATE

Partition coefficient: < 3 soil/water.

### 12.5. Results of PBT and vPvB assessment.

Information not available.

### 12.6. Other adverse effects.

Information not available.

### **SECTION 13.** Disposal considerations.

#### 13.1. Waste treatment methods.

Reuse, when possible. Neat product residues should be considered special non-hazardous waste. Disposal must be performed through an authorised waste management firm, in compliance with national and local regulations. CONTAMINATED PACKAGING

Contaminated packaging must be recovered or disposed of in compliance with national waste management regulations.

### **SECTION 14. Transport information.**

Product is NOT regulated under DOT/TDG and other transportation regulations.

<u>Rail and Truck Shipments</u> DOT Shipping Name: DOT ID Number DOT Hazard Class & Packing Group DOT Shipping Label	Not regulated None None None
TDG Shipping Name: TDG ID Number TDG DOT Hazard Class & Packing Group TDG Shipping Label	Not regulated None None None
Water Shipments IMO Shipping Name: IMO ID Number IMO DOT Hazard Class & Packing Group IMO Shipping Label IMO EMS	Not regulated None None None None
<u>Air Shipments</u> IATA Shipping Name: IATA ID Number IATA DOT Hazard Class & Packing Group 1 IATA Packing Instructions	Not regulated None None None None

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SECTION 15. Regulatory	information.	
15.1. Safety, health and environm	ental regulations/legislation specific for the substance or mixture.	
S. Federal Regulations.		
SCA Inventory Status Il ingredients are listed on the TSCA	Inventory.	
lean Air Act Section 112(b):		
107-98-2	1-METHOXY-2-PROPANOL (Glycol ethers)	
lean Air Act Section 602 Class I Sub	istances:	
o component(s) listed.		
lean Air Act Section 602 Class II Sul	ostances:	
o component(s) listed.		
lean Water Act – riority Pollutants:		
o component(s) listed.		
<u>lean Water Act – oxic Pollutants:</u>		
o component(s) listed.		
EA List I Chemicals (Precursor Cher	nicals):	
o component(s) listed.		
EA List II Chemicals (Essential Cher	<u>nicals):</u>	
o component(s) listed.		
PA List of Lists:		
13 Category Code:		
67-56-1 107-98-2	METHANOL 1-METHOXY-2-PROPANOL (Glycol	
PCRA 302 EHS TPQ:	ethers)	
o component(s) listed.		
PCRA 304 EHS RQ:		

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No component(s) listed.		
CERCLA RQ:		
67-56-1	METHANOL	
123-86-4	N-BUTYL ACETATE	
EPCRA 313 TRI:		
67-56-1	METHANOL	
107-98-2	1-METHOXY-2-PROPANOL (Glycol	
RCRA Code:	ethers)	
67-56-1	METHANOL	
CAA 112 (r) RMP TQ:		
No component(s) listed.		
State Regulations.		
Massachussetts:		
107-98-2	1-METHOXY-2-PROPANOL (Glycol	
123-86-4	ethers) N-BUTYL ACETATE	
<u>Minnesota:</u>		
107-98-2	1-METHOXY-2-PROPANOL (Glycol	
123-86-4	ethers) N-BUTYL ACETATE	
<u>New Jersey:</u>		
107-98-2	1-METHOXY-2-PROPANOL (Glycol	
123-86-4	ethers) N-BUTYL ACETATE	
New York:		
123-86-4	N-BUTYL ACETATE	
Pennsylvania:		
107-98-2	1-METHOXY-2-PROPANOL (Glycol ethers)	
123-86-4	N-BUTYL ACETATE	
California:		
107-98-2	1-METHOXY-2-PROPANOL (Glycol ethers)	
123-86-4	N-BUTYL ACETATE	
Proposition 65:		
International Regulations.		

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Substances subject to exportation reporting pursuant to (EC) Reg. 649/2012:

None.

Substances subject to the Rotterdam Convention:

None.

Substances subject to the Stockholm Convention:

None.

Candadian WHMIS.

Information not available.

### **SECTION 16.** Other information.

Text of hazard (H) indications mentioned in section 2-3 of the sheet:

Flam. Liq. 3	Flammable liquid, category 3
Flam. Liq. 4	Flammable liquid, category 4
Acute Tox. 4	Acute toxicity, category 4
Eye Dam. 1	Serious eye damage, category 1
STOT SE 3	Specific target organ toxicity - single exposure, category 3
Aquatic Chronic 3	Hazardous to the aquatic environment, chronic toxicity, category 3
H226	Flammable liquid and vapour.
H227	Combustible liquid.
H302	Harmful if swallowed.
H318	Causes serious eye damage.
H336	May cause drowsiness or dizziness.
H412	Harmful to aquatic life with long lasting effects.

LEGEND:

- 313 CATEGORY CODE: Emergency Planning and Community Right-to Know Act Section 313 Category Code

ADR: European Agreement concerning the carriage of Dangerous goods by Road

CAA 112 & RMP TQ: Risk Management Plan Threshold Quantity (Clean Air Act Section 112®)

CAS NUMBER: Chemical Abstract Service Number

- CE50: Effective concentration (required to induce a 50% effect)
- CERCLA RQ: Reportable Quantity (Comprehensive Environment Response, Compensation, and Liability Act)

CLP: EC Regulation 1272/2008

DEA: Drug Enforcement Administration

- EmS: Emergency Schedule
- EPA: US Environmental Protection Agency EPCRA: Emergency Planning and Community Right-to Know Act
- EPCRA 302 EHS TPQ: Extremely Hazardous Substance Threshold Planning Quantity (Section 302 Category Code)
- EPCRA 304 EHS RQ: Extremely Hazardous Substance Reportable Quantity (Section 304 Category Code)
   EPCRA 313 TRI: Toxics Release Inventory (Section 313 Category Code)
- GHS: Globally Harmonized System of classification and labeling of chemicals
- IATA DGR: International Air Transport Association Dangerous Goods Regulation IC50: Immobilization Concentration 50%
- IMDG: International Maritime Code for dangerous goods
- IMO: International Maritime Organization
- LC50: Lethal Concentration 50%

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.D50: Lethal dose 50% DEL: Occupational Exposure Level		
PEL: Predicted exposure level		
RCRA Code: Resource Conservation REL: Recommended exposure limit		
	rnational transport of dangerous goods by train	
LV: Threshold Limit Value		
	hould not be exceeded during any time of occupational exposure.	
TSCA: Toxic Substances Control A TWA STEL: Short-term exposure lin		
TWA: Time-weighted average expo		
VOC: Volatile organic Compounds		
WHMIS: Workplace Hazardous Ma	terials Information System.	
ENERAL BIBLIOGRAPHY:		
GHS rev. 3		
The Merck Index. 10th Edition		
Handling Chemical Safety Niosh - Registry of Toxic Effects of	Chemical Substances	
NRS - Fiche Toxicologique (toxicol		
Patty - Industrial Hygiene and Toxic		
N.I. Sax - Dangerous properties of ECHA website	Industrial Materials-7, 1989 Edition	
S NYCRR part 597		
Cal/OSHA website		
California Safe Drinking Water and	Toxic Enforcement Act	
EPA website Hazard Comunication Standard (H0	S 2012)	
IARC website	55 25 (2)	
List Of Lists EPA: Consolidated Lis	t of Chemicals Subject to EPCRA, CERCLA and Section 112® of the (	Clean Air Act
	ient of public health 670.000: "Right to Know" nt Of Labor and Industry Hazardous Substances, Employee "Right to	Know"
New Jersey Worker and Communit	y Right to know Act N.J.S.A.	
NTP. 2011. Report on Carcinogens	, 12th Edition.	
DSHA website Pennsylvania, Hazardous Substand	e List Chapter 323	
ote for users:		
	esent sheet are based on our own knowledge on the date of the las	st version. Users must verify the suitability and
	n according to each specific use of the product. as a guarantee on any specific product property.	
	t to our direct control; therefore, users must, under their own responsi	ibility, comply with the current health and safety
ws and regulations. The producer i	s relieved from any liability arising from improper uses. e training on how to use chemical products.	· · · · · · · · · · · · · · · · · · ·
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