

Safety Data Sheet SP-980

1. Product and company identification

Product name	: SP-980
Material uses	: Industrial applications: Solvent.
Internal code	: OFS1078
System code	: OFS1078
Supplier	: Bachman Services, Inc. P.O. Box 96265 Oklahoma City, Oklahoma 73143
Information contact	: (800) 535-5053 [Emergency], (405) 677-8296 [Info]
e-mail address of person responsible for this SDS	: sdsinfo@innospecinc.com

Emergency telephone number

In USA, Canada and North America, 24 hour / 7 day emergency information for our product is provided by the CHEMTREC® Emergency Call Center based in the USA

Country information

USA, Canada, Puerto Rico, Virgin Islands In case of difficulties, or for ships at sea

- : Emergency telephone number
- : +1 800 424 9300
- : +1 703 527 3887

In Europe, Middle East, Africa, Asia Pacific and South America 24 hour / 7 day emergency response for our products is provided by the NCEC CARECHEM 24 global network



Country information	1	Emergency telephone number	Location
South America (all countries)	:	+1 215 207 0061	Philadelphia USA
Brazil	:	+55 113 711 9144	Brazil
Mexico	:	+52 555 004 8763	Mexico
Europe (all countries) Middle East, Africa (French, Portuguese, English)	:	+44 (0) 1235 239 670	London, UK
Middle East, Africa (Arabic, French, English)	:	+44 (0) 1235 239 671	Lebanon
Asia Pacific (all countries except China)	:	+65 3158 1074	Singapore
China	÷	+86 10 5100 3039	Beijing China

Section 2. Hazards identification

OSHA/HCS status	:	This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).
Classification of the substance or mixture	:	FLAMMABLE LIQUIDS - Category 2 ACUTE TOXICITY (oral) - Category 4 ACUTE TOXICITY (dermal) - Category 4 ACUTE TOXICITY (inhalation) - Category 4 SKIN CORROSION/IRRITATION - Category 1 SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 1 SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) - Category 1
GHS label elements		
Hazard pictograms	:	
Signal word	:	Danger
Hazard statements	:	H225 - Highly flammable liquid and vapor. H302 + H312 + H332 - Harmful if swallowed, in contact with skin or if inhaled. H314 - Causes severe skin burns and eye damage. H370 - Causes damage to organs.
Precautionary statements		
Prevention		 P280 - Wear protective gloves. Wear eye or face protection. Wear protective clothing. P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P241 - Use explosion-proof electrical, ventilating, lighting and all material-handling equipment. P242 - Use only non-sparking tools. P243 - Take precautionary measures against static discharge. P233 - Keep container tightly closed. P271 - Use only outdoors or in a well-ventilated area. P260 - Do not breathe vapor. P270 - Do not eat, drink or smoke when using this product. P264 - Wash hands thoroughly after handling.
Response	:	 P307 + P311 - IF exposed: Call a POISON CENTER or physician. P304 + P340 + P310 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or physician. P301 + P310 + P330 + P331 - IF SWALLOWED: Immediately call a POISON CENTER or physician. Rinse mouth. Do NOT induce vomiting. P303 + P361 + P353 + P363 + P310 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower. Wash contaminated clothing before reuse. Immediately call a POISON CENTER or physician. P302 + P352 + P312 - IF ON SKIN: Wash with plenty of soap and water. Call a POISON CENTER or physician if you feel unwell. P305 + P351 + P338 + P310 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or physician.
Storage	:	P405 - Store locked up. P403 - Store in a well-ventilated place. P235 - Keep cool.
Disposal	:	P501 - Dispose of contents and container in accordance with all local, regional, national and international regulations.
Date of issue/Date of revision	<u></u>	• 2015-07-24 2/14

Section 2. Hazards identification

Hazards not otherwise classified	: None known.
Target organs	 Contains material which causes damage to the following organs: upper respiratory tract, skin, eye, lens or cornea, teeth. Contains material which may cause damage to the following organs: blood, lungs, gastrointestinal tract, central nervous system (CNS).

See toxicological information (Section 11)

Section 3. Composition/information on ingredients

Substance/mixture	: Mixture		
Ingredient name		%	CAS number
acetic acid methanol		60 - 100 15 - 30	64-19-7 67-56-1

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Occupational exposure limits, if available, are listed in Section 8.

Section 4. First aid measures

Description of necessary first aid measures

Eye contact	: Get medical attention immediately. Call a poison center or physician. Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Chemical burns must be treated promptly by a physician.
Inhalation	: Get medical attention immediately. Call a poison center or physician. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.
Skin contact	: Get medical attention immediately. Call a poison center or physician. Wash with plenty of soap and water. Remove contaminated clothing and shoes. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. Continue to rinse for at least 10 minutes. Chemical burns must be treated promptly by a physician. Wash clothing before reuse. Clean shoes thoroughly before reuse.
Ingestion	: Get medical attention immediately. Call a poison center or physician. Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Chemical burns must be treated promptly by a physician. Never give anything by mouth to an unconscious person. If unconscious, place in

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Section 4. First aid measures

recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

Most important symptoms/effects, acute and delayed

Potential acute health effect	<u>xts</u>
Eye contact	: Causes serious eye damage.
Inhalation	: Harmful if inhaled. May give off gas, vapor or dust that is very irritating or corrosive to the respiratory system.
Skin contact	: Causes severe burns. Harmful in contact with skin.
Ingestion	: Harmful if swallowed. May cause burns to mouth, throat and stomach.
<u>Over-exposure signs/symp</u>	<u>toms</u>
Eye contact	: Adverse symptoms may include the following: pain watering redness
Inhalation	: No specific data.
Skin contact	: Adverse symptoms may include the following: pain or irritation redness blistering may occur
Ingestion	: Adverse symptoms may include the following: stomach pains
Indication of immediate med	lical attention and special treatment needed, if necessary
Notes to physician	 Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
Specific treatments	: No specific treatment.
Protection of first-aiders	: No action shall be taken involving any personal risk or without suitable training. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.

See toxicological information (Section 11)

Section 5. Fire-fighting measures

Extinguishing media	
Suitable extinguishing media	: Use dry chemical, CO ₂ , water spray (fog) or foam.
Unsuitable extinguishing media	: Do not use water jet.
Specific hazards arising from the chemical	: Highly flammable liquid and vapor. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion. Runoff to sewer may create fire or explosion hazard.
Hazardous thermal decomposition products	 Decomposition products may include the following materials: carbon dioxide carbon monoxide

Section 5. Fire-fighting measures

Special protective actions for fire-fighters	:	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.
Special protective equipment for fire-fighters	:	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
Flash point	1	Closed cup: 12.2°C (54°F)

Section 6. Accidental release measures

Personal precautions, protec	<u>tiv</u>	e equipment and emergency procedures
For non-emergency personnel	:	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Shut off all ignition sources. No flares, smoking or flames in hazard area. Do not breathe vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.
For emergency responders	:	If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
Environmental precautions	:	Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
Methods and materials for co	ont	ainment and cleaning up
Small spill	:	Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
Large spill	-	Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

Section 7. Handling and storage

Precautions for safe handling

Protective measures	: Put on appropriate personal protective equipment (see Section 8). Do not get in eyes or on skin or clothing. Do not breathe vapor or mist. Do not ingest. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Do not enter storage areas and confined spaces unless adequately ventilated. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Store and use away from heat, sparks, open flame or any other ignition source. Use explosion-proof electrical (ventilating, lighting and material handling) equipment. Use only non-sparking tools. Take precautionary measures against electrostatic discharges. Empty containers retain product residue and can be hazardous. Do not reuse container.
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Section 7. Handling and storage

Advice on general occupational hygiene	:	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
Conditions for safe storage, including any incompatibilities	:	Store in accordance with local regulations. Store in a segregated and approved area. Store in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10). Store locked up. Eliminate all ignition sources. Separate from oxidizing materials. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

Section 8. Exposure controls/personal protection

Control parameters

Occupational exposure limits

Ingredient name	Exposure limits
acetic acid	ACGIH TLV (United States, 4/2014).
	TWA: 10 ppm, 0 times per shift, 8 hours.
	TWA: 25 mg/m ³ , 0 times per shift, 8 hours.
	STEL: 15 ppm, 0 times per shift, 15 minutes.
	STEL: 37 mg/m ³ , 0 times per shift, 15 minutes.
	OSHA PEL 1989 (United States, 3/1989).
	TWA: 10 ppm, 0 times per shift, 8 hours.
	TWA: 25 mg/m ³ , 0 times per shift, 8 hours.
	NIOSH REL (United States, 10/2013).
	TWA: 10 ppm, 0 times per shift, 10 hours.
	TWA: 25 mg/m ³ , 0 times per shift, 10 hours.
	STEL: 15 ppm, 0 times per shift, 15 minutes.
	STEL: 37 mg/m ³ , 0 times per shift, 15 minutes.
	OSHA PEL (United States, 2/2013).
	TWA: 10 ppm, 0 times per shift, 8 hours.
	TWA: 25 mg/m ³ , 0 times per shift, 8 hours.
methanol	ACGIH TLV (United States, 4/2014). Absorbed through skin.
	TWA: 200 ppm 8 hours.
	TWA: 262 mg/m ³ 8 hours.
	STEL: 250 ppm 15 minutes.
	STEL: 328 mg/m ³ 15 minutes.
	OSHA PEL 1989 (United States, 3/1989). Absorbed through skin.
	TWA: 200 ppm 8 hours.
	TWA: 260 mg/m ³ 8 hours.
	STEL: 250 ppm 15 minutes.
	STEL: 325 mg/m ³ 15 minutes.
	NIOSH REL (United States, 10/2013). Absorbed through skin.
	TWA: 200 ppm 10 hours.
	TWA: 260 mg/m ³ 10 hours.
	STEL: 250 ppm 15 minutes.
	STEL: 325 mg/m ³ 15 minutes.
	OSHA PEL (United States, 2/2013).
	TWA: 200 ppm 8 hours.
ate of issue/Date of revision	: 2015-07-24 6/1

Section 8. Exposure controls/personal protection

TWA: 260 mg/m³ 8 hours.

 controls other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. The engineering controls also need to keep gas, vapor or dust concentrations below any lower explosive limits. Use explosion-proof ventilation equipment. Environmental exposure Emissions from ventilation or work process equipment should be checked to ensure 			
controlsthey comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.Individual protection measures:Hygiene measures:Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.Eye/face protection:Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: chemical splash oggles and/ or face shield. If inhalation hazards exist, a full-face respirator may be required instead.Skin protection:Hand protection:Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves cannot be accurately estimated.Body protection:Personal protective equipment for the body should be asperoved by a specialist before handling this product. When there is a risk of inplicin from static electricity, wear anti- static protective clothing. For the greatest protection measures should be approved by a<	Appropriate engineering controls	othe rece vap	er engineering controls to keep worker exposure to airborne contaminants below any ommended or statutory limits. The engineering controls also need to keep gas, or or dust concentrations below any lower explosive limits. Use explosion-proof
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	Respiratory protection	star bas	ndard if a risk assessment indicates this is necessary. Respirator selection must be sed on known or anticipated exposure levels, the hazards of the product and the safe

Section 9. Physical and chemical properties

Appearance

<u>Appoulation</u>		
Physical state	:	Liquid.
Color	1	Not available.
Odor	1	Not available.
Odor threshold	:	Not available.
рН	:	Not available.
Melting point	:	Not available.
Boiling point	1	Lowest known value: 64.7°C (148.5°F) (methanol). Weighted average: 104.32°C (219. 8°F)
Flash point	:	Closed cup: 12.2°C (54°F)
Evaporation rate	1	Highest known value: 2.1 (methanol) Weighted average: 1.52compared with butyl acetate
Flammability (solid, gas)	:	Not available.
Lower and upper explosive (flammable) limits	1	Greatest known range: Lower: 6% Upper: 44% (methanol)
Vapor pressure	:	Highest known value: 16.9 kPa (127 mm Hg) (at 20°C) (methanol). Weighted average: 4.85 kPa (36.38 mm Hg) (at 20°C)
Vapor density	:	Highest known value: 2.1 (Air = 1) (acetic acid). Weighted average: 1.86 (Air = 1)
Specific gravity	1	Not available.
Solubility	÷	Easily soluble in the following materials: cold water, hot water.
Partition coefficient: n- octanol/water	:	Not available.
Auto-ignition temperature	:	Lowest known value: 425.85 to 462.85°C (798.5 to 865.1°F) (acetic acid).
Decomposition temperature	:	Not available.
Viscosity	1	Not available.

Section 10. Stability and reactivity

Reactivity	: No specific test data related to reactivity available for this product or its ingredients.
Chemical stability	: The product is stable.
Possibility of hazardous reactions	: Under normal conditions of storage and use, hazardous reactions will not occur.
Conditions to avoid	: Avoid all possible sources of ignition (spark or flame). Do not pressurize, cut, weld, braze, solder, drill, grind or expose containers to heat or sources of ignition.
Incompatible materials	 Reactive or incompatible with the following materials: oxidizing materials
Hazardous decomposition products	: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Section 11. Toxicological information

Information on toxicological effects

Acute toxicity

Product/ingredient name	Test	Species	Result	Dose
acetic acid	-	Rat	LC50 Inhalation	11000 mg/m³
			Vapor	
	-	Rabbit	LD50 Dermal	1060 mg/kg
	-	Rat	LD50 Oral	3310 mg/kg
methanol	-	Rat	LC50 Inhalation	145000 ppm
			Gas.	
	_	Rat	LC50 Inhalation	64000 ppm
			Gas.	
	-	Rabbit	LD50 Dermal	15800 mg/kg
	-	Rat	LD50 Oral	5600 mg/kg

Potential chronic health effects

Not available.

Irritation/Corrosion

Not available.

Sensitization

Not available.

Mutagenicity

Not available.

Carcinogenicity

Not classified or listed by IARC, NTP, OSHA, EU and ACGIH.

Reproductive toxicity

Not available.

Teratogenicity

Not available.

Specific target organ toxicity (single exposure)

Name		Route of exposure	Target organs
methanol	Category 1	Inhalation	eyes

Specific target organ toxicity (repeated exposure)

Not available.

Aspiration hazard

Not available.

Section 12. Ecological information

<u>Toxicity</u>

Product/ingredient name	Result	Species	Exposure
acetic acid	Acute EC50 73400 µg/l Fresh water	Algae - Navicula seminulum	96 hours
	Acute EC50 65 mg/l	Daphnia	48 hours
	Acute LC50 50.1 ul/L Marine water	Crustaceans - Artemia sp.	48 hours
	Acute LC50 75 mg/l	Fish - Lepomis macrochirus	96 hours
	Acute LC50 79 mg/l	Fish	96 hours
	Acute LC50 88 mg/l	Fish	96 hours
methanol	Acute EC50 16.912 mg/l Marine water	Algae - Ulva pertusa	96 hours
	Acute EC50 22200 to 23400 mg/l Fresh water	Daphnia - Daphnia obtusa - Neonate	48 hours
	Acute LC50 2500000 µg/l Marine water	Crustaceans - Crangon crangon - Adult	48 hours
	Acute LC50 100 mg/l Fresh water	Fish - Pimephales promelas - Juvenile (Fledgling, Hatchling, Weanling)	96 hours
	Chronic NOEC 9.96 mg/l Marine water	Algae - Ulva pertusa	96 hours

Persistence and degradability

Product/ingredient name	Test	Result			
methanol	OECD 301D Ready Biodegradability - Closed Bottle Test			99 % - 28 days	
Product/ingredient name	Aquatic half-life	Photolysis		Biodegradability	
acetic acid methanol	-	-		Readily Readily	

Bioaccumulative potential

Product/ingredient name	LogPow	BCF	Potential
acetic acid	-0.17	-	low
methanol	-0.77	<10	low

Section 13. Disposal considerations

The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any byproducts should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Vapor from product residues may create a highly flammable or explosive atmosphere inside the container. Do not cut, weld or grind used containers unless they have been cleaned thoroughly internally. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

Section 14. Transport information

	DOT Classification	IMDG	ΙΑΤΑ
UN number	UN2924	UN2924	UN2924
UN proper shipping name	Flammable liquids, corrosive, n. o.s. (acetic acid, methanol) RQ (acetic acid, methanol)	FLAMMABLE LIQUID, CORROSIVE, N.O.S. (acetic acid, methanol)	Flammable liquid, corrosive, n. o.s. (acetic acid, methanol)
Transport hazard class(es)	3 (8)	3 (8)	3 (8)
Packing group	II	II	II
Environmental hazards	No.	No.	No.
Additional information	Reportable quantity 7812.5 lbs / 3546.9 kg Package sizes shipped in quantities less than the product reportable quantity are not subject to the RQ (reportable quantity) transportation requirements. Limited quantity Yes. Packaging instruction Passenger aircraft Quantity limitation: 1 L Cargo aircraft Quantity limitation: 5 L Special provisions IB2, T11, TP2, TP27	Emergency schedules (EmS) F-E, S-C Special provisions 274 IMDG Code Segregation group 1 - Acids	Passenger and Cargo AircraftQuantity limitation: 1 LPackaging instructions: 352Cargo Aircraft OnlyQuantitylimitation: 5 LPackaging instructions: 363Limited Quantities -Passenger AircraftQuantitylimitation: 0.5 LPackaging instructions: Y340Special provisionsA3, A803

Special precautions for user : Transport within user's premises: always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

U.S. Federal regulations

: United States inventory (TSCA 8b): All components are listed or exempted.

Clean Air Act Section 112 : Listed (b) Hazardous Air

Pollutants (HAPs)

SARA 302/304

Composition/information on ingredients

No products were found.

SARA 311/312

Classification

: Fire hazard

Immediate (acute) health hazard

Composition/information on ingredients

Name	%	Fire hazard	Sudden release of pressure	Reactive	Immediate (acute) health hazard	Delayed (chronic) health hazard
acetic acid	60 - 100	Yes.		No.	Yes.	No.
methanol	15 - 30	Yes.		No.	Yes.	No.

SARA 313

	Product name	CAS number	%
Form R - Reporting requirements	methanol	67-56-1	15 - 30
Supplier notification	methanol	67-56-1	15 - 30

SARA 313 notifications must not be detached from the SDS and any copying and redistribution of the SDS shall include copying and redistribution of the notice attached to copies of the SDS subsequently redistributed.

State regulations

Massachusetts	: The following components are listed: ACETIC ACID; METHANOL
New York	: The following components are listed: Acetic acid; Methanol
New Jersey	 The following components are listed: ACETIC ACID; ETHANOIC ACID; METHYL ALCOHOL; METHANOL
Pennsylvania	: The following components are listed: ACETIC ACID; METHANOL
California Prop. 65	: WARNING: This product contains a chemical known to the State of California to cause birth defects or other reproductive harm.

Ingredient name	Cancer	Reproductive	No significant risk level	Maximum acceptable dosage level	Contains : % or ppm
methanol	No.	Yes.	No.	23000 μg/day (ingestion) 47000 μg/day (inhalation)	15 - 30

International lists

National inventory

Date of issue/Date of revision	: 2015-07-24	12/14
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SP-980

Section 15. Regulatory information

: All components are listed or exempted.
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: All components are listed or exempted.
: All components are listed or exempted.
: All components are listed or exempted.

Our REACH (pre-) registrations DO NOT cover the following:

1. The manufacture of these products by our company outside the EU unless covered by the Only Representative provisions, and

2. The importation of these products into Europe by other companies. Re-importation by other companies is not covered by our (pre-) registrations Customers and other third parties importing and/or re-importing our products into Europe will need either:

- Their own (pre-) registration for substances contained in the imported product, or constituent monomers (imported above 1 tonne per year and >2% by weight) in the case of imported polymers, or

- In the case of importation only, to make use of the "Only Representative" provisions, if available.

Section 16. Other information

Hazardous Material Information System (U.S.A.)



Caution: HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks Although HMIS® ratings are not required on SDSs under 29 CFR 1910.1200, the preparer may choose to provide them. HMIS® ratings are to be used with a fully implemented HMIS® program. HMIS® is a registered mark of the National Paint & Coatings Association (NPCA). HMIS® materials may be purchased exclusively from J. J. Keller (800) 327-6868.

The customer is responsible for determining the PPE code for this material.

National Fire Protection Association (U.S.A.)



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Copyright ©2001, National Fire Protection Association, Quincy, MA 02269. This warning system is intended to be interpreted and applied only by properly trained individuals to identify fire, health and reactivity hazards of chemicals. The user is referred to certain limited number of chemicals with recommended classifications in NFPA 49 and NFPA 325, which would be used as a guideline only. Whether the chemicals are classified by NFPA or not, anyone using the 704 systems to classify chemicals does so at their own risk.

Classification according to Directive 67/548/EEC [DSD] or Classification according to Directive 1999/45/EC [DPD]

Risk phrases	 R11- Highly flammable. R23/24/25- Toxic by inhalation, in contact with skin and if swallowed. R39/23/24/25- Toxic: danger of very serious irreversible effects through inhalation, in contact with skin and if swallowed. R34- Causes burns.

Date of issue/Date of revision	: 2015-07-24	13/14
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Section 16. Other information

Safety phrases	· SZ6- IN CASE OF CONTACT WITH EVES TINSE IMMENTATELY WITH DIENTY OF WATER AND SEEK
	 S26- In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
	S36/37/39- Wear suitable protective clothing, gloves and eye/face protection.
	S45- In case of accident or if you feel unwell, seek medical advice immediately
	(show the label where possible).
<u>History</u>	
Date of printing	: 2015-07-24
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revision	
Date of previous issue	: No previous validation
Version	: 1
Key to abbreviations	: ATE = Acute Toxicity Estimate
	BCF = Bioconcentration Factor GHS = Globally Harmonized System of Classification and Labelling of Chemicals
	IATA = International Air Transport Association
	IBC = Intermediate Bulk Container
	IMDG = International Maritime Dangerous Goods
	LogPow = logarithm of the octanol/water partition coefficient MARPOL 73/78 = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the
	Protocol of 1978. ("Marpol" = marine pollution)
	UN = United Nations

Indicates information that has changed from previously issued version.

Notice to reader

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.