

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations Revision date: 05/11/2022

SECTION 1: Identific	ation of the su	bstance/mixture and of the company/undertaking
1.1. Product identifie		bstance/mixture and of the company/undertaking
Product form	1	: Mixture
Product name		: PEAK -30 °F DE-ICER WITH ANTI-FROST Windshield Wash
Product code		: PKA0F3; PKA0F1
SDS ID		: 115049
1.2. Relevant identified Use of the substance/mixtur		stance or mixture and uses advised against : Windshield washer fluid
	pplier of the safety	/ data sheet
Old World Industries, LLC 3100 Sanders Road Northbrook, IL 60062 - USA T (847) 559-2000 www.oldworldind.com		
1.4. Emergency telep	hone number	
Emergency number		: 800 424 9300 (United States); 00 1 703 527 3887 (International) Chemtrec
SECTION 2: Hazards	identification	
2.1. Classification of	the substance or	mixture
GHS-US classification		
Flammable liquids,	H226	Flammable liquid and vapor
Category 3 Acute toxicity (oral),	H301	Toxic if swallowed.
Category 3 Acute toxicity (dermal),	H311	Toxic in contact with skin.
Category 3	11511	
Acute toxicity (inhalation:dust,mist)	H332	Harmful if inhaled.
Category 4 Specific target organ toxicity — single exposure,	H370	Causes damage to organs (May cause blindness if swallowed)
Category 1 Full text of H statements : se	ee section 16	
2.2. Label elements		
GHS-US labelling Hazard pictograms (GHS-U	S)	HS02 GHS06 GHS08
Signal word (GHS-US)		: Danger
Hazard statements (GHS-U	S)	 Flammable liquid and vapor Toxic if swallowed or in contact with skin Harmful if inhaled. Causes damage to organs (May cause blindness if swallowed)
Precautionary statements (GHS-US)	Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. heat, hot surfaces, open flames, sparks Keep container tightly closed. Ground/Bond container and receiving equipment

Ground/Bond container and receiving equipment Use explosion-proof ventilating, electrical, lighting equipment.

Use only non-sparking tools.

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Precautionary statements (GHS-US) continued	 Take precautionary measures against static discharge. Do not breathe mist, spray, vapors Wash affected areas thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area. Wear personal protective equipment as required. If swallowed: Immediately call doctor/physician or poison center. Rinse Mouth If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower If inhaled: Remove person to fresh air and keep comfortable for breathing Call doctor/physician or poison center if you feel unwell Rinse mouth. Take off immediately all contaminated clothing and wash it before reuse. In case of fire: Use Foam, Sand, Dry powder, Carbon dioxide to extinguish. Store in a well-ventilated place. Keep cool. Store locked up. Dispose of contents/container to appropriate waste disposal facility, in accordance with
	local/regional/national/international regulations

2.3. Other hazards

No additional information available

2.4. Unknown acute toxicity (GHS US)

No data available

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	% by wt	GHS-US classification
water	(CAS-No.) 7732-18-5	<= 64	Not classified
methanol	(CAS-No.) 67-56-1	30 - 35	Flam. Liq. 2, H225 Acute Tox. 3 (Oral), H301 Acute Tox. 3 (Dermal), H311 Acute Tox. 3 (Inhalation), H331 STOT SE 1, H370
ethylene glycol	(CAS-No.) 107-21-1	<= 3	Acute Tox. 4 (Oral), H302
denatonium benzoate	(CAS-No.) 3734-33-6	0.005 [50 ppm]	Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Eye Irrit. 2A, H319 STOT SE 3, H335

Full text of hazard classes and H-statements : see section 16

SECTION 4: First aid measures	
4.1. Description of first aid measures	
First-aid measures general :	Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).
First-aid measures after inhalation :	Assure fresh air breathing. Allow the victim to rest. If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Seek immediate medical advice. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.
First-aid measures after skin contact :	Rinse skin with water/shower. Take off immediately all contaminated clothing. Rinse immediately with plenty of water (for at least 15 minutes). If skin irritation occurs: Get medical advice/attention. Wash contaminated clothing before reuse.
First-aid measures after eye contact :	Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persists. Remove contact lenses, if present and easy to do. Continue rinsing. Rinse immediately with plenty of water for 15 minutes, lifting lower and upper lids. Take victim to an ophthalmologist if irritation persists.
First-aid measures after ingestion :	Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention. Never give anything by mouth to an unconscious person.
4.2. Most important symptoms and effects,	both acute and delayed
Symptoms/effects after inhalation :	May cause irritation of the nose and throat. High concentrations may cause central nervous system characterized by severe headaches, dizziness, nausea and confusion.

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Symptoms/effects after skin contact	: Prolonged exposure to skin may cause skin irritation experienced as burning, dryness, cracking and redness.
Symptoms/effects after eye contact	: May cause severe irritation.
Symptoms/effects after ingestion	: May cause nausea, abdominal pain, headache, shortness of breath, visual impairment and blindness. Severe poisoning can lead to coma and death.
Chronic symptoms	: ON CONTINUOUS/REPEATED EXPOSURE/CONTACT: Red skin, Dry skin, Skin rash/inflammation, Headache, Feeling of weakness, Disturbed tactile sensibility, Visual disturbances, Sleeplessness, Gastrointestinal complaints, Cardiac and blood circulation effects.

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

Methanol is metabolized to formic acid and formaldehyde. These metabolites can cause metabolic acidosis, visual disturbances and blindness. Since metabolism is required for these toxic symptoms, their onset may be delayed from 6 to 30 hours following ingestion. This product contains/consists of methanol which can cause intoxication and depression of the central nervous system.

SECTION 5: Firefighting measures	
5.1. Extinguishing media	
Suitable extinguishing media	: Foam. Dry powder. Carbon dioxide. Water spray. Sand. ABC powder.
Unsuitable extinguishing media	: Do not use a heavy water stream. May spread fire.
5.2. Special hazards arising from the subs	stance or mixture
Fire hazard	: Highly flammable liquid and vapor. Flammable liquid and vapor. Vapors are heavier than air and may travel along the ground or may be moved by ventilation.
Explosion hazard	: May form flammable/explosive vapor-air mixture. Heat may build pressure, rupturing closed containers, spreading fire and increasing risk of burns and injuries.
5.3. Special protective equipment and pre	cautions for fire-fighters
Firefighting instructions	: Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire fighting water from entering the environment.
Protection during firefighting	: Do not enter fire area without proper protective equipment, including respiratory protection.

SECTION 6: Accidental release measure	ires		
6.1. Personal precautions, protective equi	Personal precautions, protective equipment and emergency procedures		
General measures	 Remove ignition sources. Use special care to avoid static electric charges. No open flames. No smoking. In case of inadequate ventilation wear respiratory protection. Do not breathe mist, spray, vapors. 		
6.1.1. For non-emergency personnel			
Emergency procedures	Evacuate unnecessary personnel. Keep upwind. Mark the danger area.		
6.1.2. For emergency responders			
Protective equipment	Equip cleanup crew with proper protection.		
Emergency procedures	· Ventilate area.		
6.2. Environmental precautions			
Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.			
6.3. Methods and material for containmen	t and cleaning up		
For containment	: Contain released product, pump into suitable containers. Dam up the liquid spill. Plug the leak, cut off the supply. Try to reduce evaporation. Take account of toxic/corrosive precipitation water. Dilute combustible/toxic gases/vapors with water spray.		
Methods for cleaning up	Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.		
6.4. Reference to other sections			

See Heading 8. Exposure controls and personal protection. For further information refer to section 13. For further information refer to section 8: "Exposure controls/personal protection".

SECTION 7: Handling and storage	
7.1. Precautions for safe handling	
Additional hazards when processed	: Handle empty containers with care because residual vapors are flammable. In use, may form flammable vapor-air mixture.
Precautions for safe handling	: Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapor.
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Hygiene measures	: Wash contaminated clothing before reuse.
7.2. Conditions for safe storage, including	g any incompatibilities
Technical measures	 Proper grounding procedures to avoid static electricity should be followed. Ground/bond container and receiving equipment. Use explosion-proof electrical, lighting, ventilating equipment.
Storage conditions	: Keep only in the original container in a cool, well ventilated place away from : sparks, hot surfaces, Heat sources, open flames. Keep in fireproof place. Keep container tightly closed. Keep container closed when not in use. Do not store near food, foodstuffs, drugs or potable water supplies. Do not cut, drill, weld, use a blowtorch on, etc. containers even when empty.
Incompatible products	: Strong bases. Strong acids. Keep away from strong acids, strong bases and oxidizing agents.
Incompatible materials	: Sources of ignition. Direct sunlight. Heat sources.
7.3. Specific end use(s)	

No additional information available

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SECTION 8: Exposure controls/personal protection

8.1. Control par	ameters	
methanol (67-56-1)		
ACGIH	Local name	Methanol
ACGIH	ACGIH TWA (ppm)	200 ppm (Skin)
ACGIH	ACGIH STEL (ppm)	250 ppm (Skin)
ACGIH	Remark (ACGIH)	Headache; eye dam; dizziness; nausea
OSHA	OSHA PEL (TWA) (mg/m ³)	260 mg/m³ (Skin)
OSHA	OSHA PEL (TWA) (ppm)	200 ppm (Skin)
ethylene glycol (107-21-1)		
ACGIH	Local name	Ethylene glycol
ACGIH	ACGIH TWA (mg/m ³)	10 mg/m ³
ACGIH	ACGIH TWA (ppm)	25 ppm (Vapor fraction)
ACGIH	ACGIH STEL (mg/m ³)	10 mg/m ³ (Inhalable fraction, Aerosol only)
ACGIH	ACGIH STEL (ppm)	50 ppm (Vapor fraction)
ACGIH	Remark (ACGIH)	Upper respiratory tract & eye irritant
ACGIH	Regulatory reference	ACGIH 2018
water (7732-18-5)		
Not applicable		
denatonium benzoate (3734-33-6)		
Not applicable		

8.2. Appropriate engineering controls

No additional information available

8.3. Individual protection measures/Personal protective equipment

Personal protective equipment:

Avoid all unnecessary exposure. Gloves. Safety glasses.

Hand protection:

Wear protective gloves.

Eye protection:

Chemical goggles or safety glasses

Skin and body protection:

Wear suitable protective clothing

Respiratory protection:

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Wear appropriate mask. In case of inadequate ventilation wear respiratory protection.



Other information:

Do not eat, drink or smoke during use.

SECTION 9: Physical and chemical p	properties
9.1. Information on basic physical and c	hemical properties
Physical state	: Liquid
Color	: Purple
Odor	: alcohol
Odor threshold	: No data available
Relative evaporation rate (butylacetate=1)	: Greater than n-butyl acetate
Freezing point	: -34.4 °C (-30 °F)
Boiling point	: No data available
Flash point	: 30 °C (86 °F) Method Used: Closed cup
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: No data available
Vapor pressure	: No data available
Relative vapor density at 20 °C	: Heavier than air
Specific Gravity	: 0.948
Density	: 0.948 kg/l (7.91 lbs/gal)
Solubility	: Water: Complete
Log Pow	: No data available
Log Kow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive limits	: 6 - 36 vol %
Explosive properties	: No data available
Oxidizing properties	: No data available
9.2. Other information	
VOC content	: 35 %
SECTION 10: Stability and reactivity	

	on the orability and reactivity
10.1.	Reactivity
No additi	onal information available
10.2.	Chemical stability
Stable.	
10.3.	Possibility of hazardous reactions
Hazardou	is polymerization will not occur.
10.4.	Conditions to avoid

Direct sunlight. Extremely high or low temperatures. Open flame. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

10.5. Incompatible materials

Keep away from strong acids, strong bases and oxidizing agents.

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10.6. Hazardous decomposition products

Fume. Carbon monoxide. Carbon dioxide. May release flammable gases.

SECTION 11: Toxicological information		
11.1. Information on toxicological effects	\$	
Acute toxicity	: Not classified	
denatonium benzoate (3734-33-6)		
LD50 oral rat	584 mg/kg (Rat, Literature study, Oral)	
LD50 dermal rabbit	> 2000 mg/kg (Rabbit, Literature study, Dermal)	
ATE US (oral)	584 mg/kg bodyweight	
methanol (67-56-1)		
LD50 oral rat	1187 - 2769 mg/kg bodyweight (BASF test, Rat, Male / female, Weight of evidence, Aqueous solution, Oral, 7 day(s))	
LD50 dermal rabbit	17100 mg/kg (Rabbit, Inconclusive, insufficient data, Dermal)	
LC50 inhalation rat (mg/l)	128.2 mg/l/4h (BASF test, 4 h, Rat, Male/female, Weight of evidence)	
ATE US (oral)	100 mg/kg bodyweight	
ATE US (dermal)	300 mg/kg bodyweight	
ATE US (gases)	700 ppmv/4h	
ATE US (vapors)	3 mg/l/4h	
ATE US (dust,mist)	0.5 mg/l/4h	
ethylene glycol (107-21-1)		
LD50 oral rat	7712 mg/kg bodyweight (according to BASF-internal standards, Rat, Male / female, Experimental value, Aqueous solution, Oral, 7 day(s))	
LC50 inhalation rat (mg/l)	> 2.5 mg/l (6 h, Rat, Male / female, Experimental value, Inhalation (aerosol))	
ATE US (oral)	500 mg/kg bodyweight	
Skin corrosion/irritation	: Not classified	
Serious eye damage/irritation	: Not classified	
Respiratory or skin sensitisation	: Not classified	
Germ cell mutagenicity	: Not classified	
Carcinogenicity	: Not classified	
Reproductive toxicity	: Not classified	
STOT-single exposure	: Causes damage to organs (May cause blindness if swallowed).	
STOT-repeated exposure	: Not classified	
Aspiration hazard	: Not classified	
Potential adverse human health effects and symptoms	: Based on available data, the classification criteria are not met.	
Symptoms/effects after inhalation	: May cause irritation of the nose and throat. High concentrations may cause central nervous system characterized by severe headaches, dizziness, nausea and confusion.	
Symptoms/effects after skin contact	: Prolonged exposure to skin may cause skin irritation experienced as burning, dryness, crackin and redness.	
Symptoms/effects after eye contact	: May cause severe irritation.	
Symptoms/effects after ingestion	: May cause nausea, abdominal pain, headache, shortness of breath, visual impairment and blindness. Severe poisoning can lead to coma and death.	
Chronic symptoms	: ON CONTINUOUS/REPEATED EXPOSURE/CONTACT: Red skin, Dry skin, Skin rash/inflammation, Headache, Feeling of weakness, Disturbed tactile sensibility, Visual disturbances, Sleeplessness, Gastrointestinal complaints, Cardiac and blood circulation effects	

SECTION 12: Ecological information	
12.1. Toxicity	
denatonium benzoate (3734-33-6)	
LC50 fish 1	> 1,000.00 mg/l (96 h, Salmo gairdneri, Literature study)
EC50 Daphnia 1	13.00 mg/l (48 h, Daphnia magna, Literature study)

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methanol (67-56-1)		
LC50 fish 1	15,400.00 mg/l (EPA 660/3 - 75/009, 96 h, Lepomis macrochirus, Flow-through system, Fresh water, Experimental value, Lethal)	
EC50 Daphnia 1	18,260.00 mg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 96 h, Daphnia magna, Semi-static system, Fresh water, Experimental value, Locomotor effect)	
ErC50 (algae)	22,000.00 mg/l (OECD 201: Alga, Growth Inhibition Test, 96 h, Pseudokirchneriella subcapitata, Static system, Fresh water, Experimental value)	
ethylene glycol (107-21-1)		
LC50 fish 1	40,761.00 mg/l (96 h, Salmo gairdneri, Static system)	
EC50 Daphnia 1	> 10,000.00 mg/l (24 h, Daphnia magna)	

12.2. Persistence and degradability

denatonium benzoate (3734-33-6)		
Persistence and degradability	Biodegradability in water: no data available. No (test) data on mobility of the substance available.	
methanol (67-56-1)		
Persistence and degradability	Readily biodegradable in the soil. Readily biodegradable in water.	
Biochemical oxygen demand (BOD)	0.6 - 1.12 g O ₂ /g substance	
Chemical oxygen demand (COD)	1.42 g O ₂ /g substance	
ThOD	1.50 g O ₂ /g substance	
ethylene glycol (107-21-1)		
Persistence and degradability	Biodegradable in the soil. Readily biodegradable in water.	
Biochemical oxygen demand (BOD)	0.47 g O ₂ /g substance	
Chemical oxygen demand (COD)	1.24 g O ₂ /g substance	
ThOD	1.29 g O ₂ /g substance	
BOD (% of ThOD)	0.36	

12.3. **Bioaccumulative potential**

denatonium benzoate (3734-33-6)		
Log Pow	1.78 (Estimated value)	
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4).	
methanol (67-56-1)		
BCF fish 1	1 - 4.5 (72 h, Cyprinus carpio, Static system, Fresh water, Experimental value)	
Log Pow	-0.77 (Experimental value)	
Bioaccumulative potential	Low potential for bioaccumulation (BCF < 500).	
ethylene glycol (107-21-1)		
BCF fish 1	10.00 (72 h, Leuciscus idus)	
BCF other aquatic organisms 1	0.21 - 0.6 (Procambarus sp., Chronic)	
BCF other aquatic organisms 2	190.00 (24 h, Algae)	
Log Pow	-1.34 (Experimental value)	
Bioaccumulative potential	Not bioaccumulative.	

12.4. **Mobility in soil**

denatonium benzoate (3734-33-6)		
Ecology - soil	No (test)data on mobility of the substance available.	
methanol (67-56-1)		
Surface tension	0.02 N/m (20 °C)	
Log Koc	0.09 (log Koc, SRC PCKOCWIN v2.0, Calculated value)	
Ecology - soil	Highly mobile in soil.	
ethylene glycol (107-21-1)		
Surface tension	48.00 mN/m (20 °C)	
Ecology - soil	No (test)data on mobility of the substance available.	

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12.5. Other adverse effects

Other information	: Avoid release to the environment.
SECTION 13: Disposal consideration	S
13.1. Waste treatment methods	
Product/Packaging disposal recommendations	 Dispose of contents/container to appropriate waste disposal facility, in accordance with local/regional/national/international regulations.
Additional information	: Handle empty containers with care because residual vapors are flammable.
Ecology - waste materials	: Avoid release to the environment.
SECTION 14: Transport information	

Department of Transportation (DOT)

In accordance with DOT

Non-Bulk:

In inner packaging no more than 5.0 L (1.3 Gallons): Proper Shipping Name: Limited Quantity of Class III Per 49 CFR Part 173.150 (PG III, inner packaging no more than 5.0L)

Bulk (in quanitites larger than 5.0L [1.3 gallons] in a single container)

Transport document description		UN1993 Flammable liquids, n.o.s. (Methanol Solution), 3, III
UN-No.(DOT)	:	UN1993
Proper Shipping Name (DOT)	:	Flammable liquids, n.o.s.
		Methanol Solution
Class (DOT)	:	3 - Class 3 - Flammable and combustible liquid 49 CFR 173.120
Packing group (DOT)	:	III - Minor Danger
Hazard labels (DOT)	:	3 - Flammable liquid
		PLANMARE LEQUED
DOT Packaging Non Bulk (49 CFR 173.xxx)	:	203
DOT Packaging Bulk (49 CFR 173.xxx)	:	242
DOT Symbols	:	G - Identifies PSN requiring a technical name
DOT Packaging Exceptions (49 CFR 173.xxx)	:	150
DOT Quantity Limitations Passenger aircraft/rail (49 CFR 173.27)	:	60 L
DOT Quantity Limitations Cargo aircraft only (49 CFR 175.75)	:	220 L
DOT Vessel Stowage Location	:	A - The material may be stowed "on deck" or "under deck" on a cargo vessel and on a passenger vessel.
Other information	:	No supplementary information available.

Transportation of Dangerous Goods

Refer to current TDG Canada for further Canadian regulations

Transport by sea

In accordance with IMDG / IMO

UN-No. (IMDG) : Proper Shipping Name (IMDG) :	UN 1992 FLAMMABLE LIQUID, TOXIC, N.O.S. (Methanol Solution), 3 (6.1), III 1992 FLAMMABLE LIQUID, TOXIC, N.O.S. 3 - Flammable liquids
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Packing group (IMDG)	: III - substances presenting low danger
Subsidiary risk (IMDG)	: 6.1 - Toxic substances
Air transport	
In accordance with IATA / ICAO	
Transport document description (IATA)	: UN 1992 Flammable liquid, toxic, n.o.s. (Methanol Solution), 3 (6.1), III
UN-No. (IATA)	: 1992
Proper Shipping Name (IATA)	: Flammable liquid, toxic, n.o.s.
Class (IATA)	: 3 - Flammable Liquids
Packing group (IATA)	: III - Minor Danger
Subsidiary risks (IATA)	: 6.1 - Toxic substances

SECTION 15: Regulatory information

15.1. US Federal regulations

PEAK -30 °F DE-ICER WITH ANTI-FROST Windshield Wash	
CERCLA RQ	5000 lb(s) Methyl Alcohol
SARA Section 302 Threshold Planning Quantity (TPQ)	None
SARA Section 311/312 Hazard Classes	Delayed (chronic) health hazard Fire hazard Immediate (acute) health hazard
SARA Section 313 - Emission Reporting	35 % Methanol

methanol (67-56-1)		
CERCLA RQ	5000 lb(s) (2270 kg)	
ethylene glycol (107-21-1)		
Listed on the United States TSCA (Toxic Substances Control Act) inventory Subject to reporting requirements of United States SARA Section 313		
EPA TSCA Regulatory Flag	T - T - indicates a substance that is the subject of a Section 4 test rule under TSCA.	
CERCLA RQ	5000 lb(s)	
SARA Section 311/312 Hazard Classes	Refer to Section 2 for the OSHA hazard classification Ethylene glycol is subject to Tier I and/or Tier II annual inventory reporting.	
SARA Section 313 - Emission Reporting	Ethylene glycol is subject to Form R Reporting requirements.	
water (7732-18-5)		
Listed on the United States TSCA (Toxic Substances Control Act) inventory		
denatonium benzoate (3734-33-6)		
Listed on the United States TSCA (Toxic Substances Control Act) inventory		

15.2. International regulations

CANADA

PEAK -30 °F DE-ICER WITH ANTI-FROST Windshield Wash		
WHMIS Classification	This SDS has been prepared according to the criteria of the Hazardous Products Regulations (HPR) (WHMIS 2015) and the SDS contains all of the information required by the HPR. Applicable GHS information is listed in section 2.2 of this SDS.	

water (7732-18-5)

Listed on the Canadian DSL (Domestic Substances List)

15.3. US State regulations

WARNING:

This product can expose you to methanol, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

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methanol (67-56-1)					
U.S California - Proposition 65 - Carcinogens List	U.S California - Proposition 65 - Developmental Toxicity	U.S California - Proposition 65 - Reproductive Toxicity - Female	U.S California - Proposition 65 - Reproductive Toxicity - Male	No significant risk level (NSRL)	Maximum allowable dose level (MADL)
No	Yes	No	No		47000 μg/day (inhalation); 23,000 μg/day (oral)
ethylene glycol (10	7-21-1)				
U.S California - Proposition 65 - Carcinogens List	U.S California - Proposition 65 - Developmental Toxicity	U.S California - Proposition 65 - Reproductive Toxicity - Female	U.S California - Proposition 65 - Reproductive Toxicity - Male	No significant risk level (NSRL)	Maximum allowable dose level (MADL)
No	Yes	No	No		(ingested) 8,700 (oral) µg/day
U.S New Jersey -	is - Right To Know List Right to Know Hazard - RTK (Right to Know)	ous Substance List			
ethylene glycol (10	7-21-1)				

U.S. - Massachusetts - Right To Know List

U.S. - New Jersey - Right to Know Hazardous Substance List

U.S. - Pennsylvania - RTK (Right to Know) List

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Full text of H-statements:

H225	Highly flammable liquid and vapor
H226	Flammable liquid and vapor
H301	Toxic if swallowed.
H302	Harmful if swallowed.
H311	Toxic in contact with skin.
H331	Toxic if inhaled.
H332	Harmful if inhaled.
H370	Causes damage to organs

NFPA health hazard

NFPA fire hazard

NFPA reactivity

: 1 - Materials that, under emergency conditions, can cause significant irritation.

: 3 - Liquids and solids (including finely divided suspended solids) that can be ignited under almost all ambient temperature conditions.

: 0 - Material that in themselves are normally stable, even under fire conditions.



SDS GHS US (GHS HazCom 2012) OWI

Old World Industries, LLC makes no warranty, representation or guarantee as to the accuracy, sufficiency or completeness of the material set forth herein. It is the user's responsibility to determine the safety, toxicity and suitability of his own use, handling and disposal of this product. Since actual use by others is beyond our control, no warranty, expressed or implied, is made by Old World Industries, LLC as to the effects of such use, the results to be obtained or the safety and toxicity of this product, nor does Old World Industries, LLC as to herein. The data in this SDS relates only to the specific material designated herein and does not relate to use in combination with any other material or in any process.