

Revision Date: 07/17/2015 Version 1.0

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name

: Prist® Windshield Cleaner P/N

Product Use Descrip-

: WINDSHIELD WASHER

Manufacturer or supplier's details

Company Address

: Nexeo Solutions LLC - PRIST®

3 Waterway Square Place Suite 1000

Woodlands, Tx. 77380 United States of America

Emergency telephone number:

Health North America: 1-855-NEXEO4U (1-855-639-3648) Health International: 1-855-NEXEO4U (1-855-639-3648) Transport North America: CHEMTREC 800.424.9300

Additional Infor-

mation:

: Responsible Party: Product Safety Group

E-Mail: msds@nexeosolutions.com SDS Requests: 1-855-429-2661 SDS Requests Fax: 1-281-500-2370 Website: www.nexeosolutions.com

SECTION 2. HAZARDS IDENTIFICATION

GHS Classification

Flammable aerosols

: Category 1

Gases under pressure

: Liquefied gas

Eye irritation

: Category 2A

GHS Label element

Hazard pictograms







Signal word

: Danger

Hazard statements

: H222 Extremely flammable aerosol.

H280 Contains gas under pressure; may explode if

H319 Causes serious eye irritation.

Precautionary statements : **Prevention:**

P210 Keep away from heat/sparks/open flames/hot

surfaces. - No smoking.

P211 Do not spray on an open flame or other ignition

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source.

P251 Pressurized container: Do not pierce or burn, even

after use.

P264 Wash skin thoroughly after handling. P280 Wear eye protection/ face protection.

Response:

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if

present and easy to do. Continue rinsing.

P337 + P313 If eye irritation persists: Get medical

advice/ attention.

Storage:

P410 + P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/ 122 °F.

Potential Health Effects

Carcinogenicity:

IARC

No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible

or confirmed human carcinogen by IARC.

OSHA

No component of this product present at levels greater $% \left(\mathbf{r}\right) =\left(\mathbf{r}\right)$

than or equal to 0.1% is identified as a carcinogen or

potential carcinogen by OSHA.

NTP

No component of this product present at levels greater $% \left(\mathbf{r}\right) =\left(\mathbf{r}\right)$

than or equal to 0.1% is identified as a known or antici-

pated carcinogen by NTP.

Emergency Overview

Aerosol containing a liquefied gas	
clear, colourless	
slight, solvent-like	
No information available.	
	clear, colourless slight, solvent-like

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture

: Mixture

Hazardous components

CAS-No.	Chemical Name	Concentration (%)
67-63-0	Isopropyi alcohol	10 - 20
106-97-8	Butane	5 - 10

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111-76-2	2-Butoxy ethanol	5 - 10
74-98-6	Propane	5 - 10

SECTION 4. FIRST AID MEASURES

General advice : Move out of dangerous area.

Show this safety data sheet to the doctor in attend-

ance.

Do not leave the victim unattended.

If inhaled : If unconscious place in recovery position and seek

medical advice.

If symptoms persist, call a physician.

In case of skin contact : If skin irritation persists, call a physician.

If on skin, rinse well with water. If on clothes, remove clothes.

In case of eye contact : Immediately flush eye(s) with plenty of water.

Remove contact lenses. Protect unharmed eye.

Keep eye wide open while rinsing.

If eye irritation persists, consult a specialist.

If swallowed : Clean mouth with water and drink afterwards plenty

of water.

Keep respiratory tract clear.

Do not give milk or alcoholic beverages.

Never give anything by mouth to an unconscious per-

son.

If symptoms persist, call a physician.

SECTION 5. FIREFIGHTING MEASURES

Suitable extinguishing

media

: Alcohol-resistant foam Carbon dioxide (CO2)

Dry chemical

Unsuitable extinguishing

media

: High volume water jet

Hazardous combustion

products

: Carbon oxides

Specific extinguishing

methods

: Use a water spray to cool fully closed containers.

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Further information

: For safety reasons in case of fire, cans should be

stored separately in closed containments.

Special protective equipment for firefighters

: Wear self-contained breathing apparatus for fire-

fighting if necessary.

NFPA Flammable and Combustible Liquids Classification:

Flammable Liquid Class IC

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures : Use personal protective equipment.

Ensure adequate ventilation.
Remove all sources of ignition.
Evacuate personnel to safe areas.

Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas.

Environmental precautions

: Prevent product from entering drains.

Prevent further leakage or spillage if safe to do so.

If the product contaminates rivers and lakes or drains

inform respective authorities.

SECTION 7. HANDLING AND STORAGE

Advice on safe handling

: Do not breathe vapours/dust.

Avoid contact with skin and eyes. For personal protection see section 8.

Smoking, eating and drinking should be prohibited in

the application area.

Take precautionary measures against static discharg-

65

Provide sufficient air exchange and/or exhaust in work

rooms.

Open drum carefully as content may be under pres-

sure.

Dispose of rinse water in accordance with local and

national regulations.

Conditions for safe storage

: BEWARE: Aerosol is pressurized. Keep away from direct sun exposure and temperatures over 50 °C. Do

not open by force or throw into fire even after use. Do not spray on flames or red-hot objects.

No smoking.

Keep container tightly closed in a dry and well-

ventilated place.



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Observe label precautions. Electrical installations / working materials must comply with the technological safety standards.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

CAS-No.	Components	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
67-63-0	Isopropyl alcohol	TWA	200 ppm	ACGIH
		STEL	400 ppm	ACGIH
		TWA	400 ppm 980 mg/m3	NIOSH REL
		ST	500 ppm 1,225 mg/m3	NIOSH REL
		TWA	400 ppm 980 mg/m3	OSHA Z-1
		TWA	400 ppm 980 mg/m3	OSHA PO
		STEL	500 ppm 1,225 mg/m3	OSHA PO
106-97-8	Butane	TWA	800 ppm 1,900 mg/m3	NIOSH REL
		TWA	800 ppm 1,900 mg/m3	OSHA PO
111-76-2	2-Butoxy ethanol	TWA	20 ppm	ACGIH
		TWA	5 ppm 24 mg/m3	NIOSH REL
		TWA	50 ppm 240 mg/m3	OSHA Z-1
		TWA	25 ppm 120 mg/m3	OSHA PO
74-98-6	Propane	TWA	1,000 ppm 1,800 mg/m3	NIOSH REL
		TWA	1,000 ppm 1,800 mg/m3	OSHA Z-1
		TWA	1,000 ppm 1,800 mg/m3	OSHA PO

Biological occupational exposure limits

- [Components	CAS-No.	Control	Biological	Sam-	Permissi-	Basis
			parame-	specimen	pling	ble con-	
			ters		time	centration	
	sopropyl alcohol	67-63-0	Acetone	In urine	End of	40 mg/l	ACGIH



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				shift at end of work- week		BEI
2-Butoxy ethanol	111-76-2	Butoxya- cetic acid (BAA)	Urine	End of shift (As soon as possible after expo- sure ceases)	200 mg/g Creatinine	ACGIH BEI

Personal protective equipment

Respiratory protection

: General and local exhaust ventilation is recommended to maintain vapor exposures below recommended limits. Where concentrations are above recommended limits or are unknown, appropriate respiratory protection should be worn. Follow OSHA respirator regulations (29 CFR 1910.134) and use NIOSH/MSHA approved respirators. Protection provided by air purifying respirators against exposure to any hazardous chemical is limited. Use a positive pressure air supplied respirator if there is any potential for uncontrolled release, exposure levels are unknown, or any other circumstance where air purifying respirators may not provide adequate protection.

Hand protection Remarks

: The suitability for a specific workplace should be discussed with the producers of the protective gloves.

cussed with the producers of the protective gloves.

Eye protection : Eye wash bottle with pure water Tightly fitting safety goggles

Wear face-shield and protective suit for abnormal pro-

cessing problems.

Skin and body protection : impervious clothing

Choose body protection according to the amount and concentration of the dangerous substance at the work

place.

Hygiene measures : When using do not eat or drink.

When using do not smoke.

Wash hands before breaks and at the end of workday.



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SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

: Aerosol containing a liquefied gas

Colour

: clear, colourless

Odour

: slight, solvent-like

Odour Threshold

: No data available

pΗ

: 8 - 9 @ 20 - 25 °C (68 - 77 °F)

Freezing Point

: No data available

Boiling Point

: No data available

Flash point

: 26.67 °C (80.01 °F)

Evaporation rate

: No data available

Flammability (solid, gas)

: Extremely flammable aerosol.

Burning rate

: No data available

Upper explosion limit

: No data available

Lower explosion limit

: No data available

Vapour pressure

: No data available

Relative vapour density

: No data available

Relative density

Density

: No data available

Bulk density

: No data available

Solubility(ies)

Water solubility

: soluble

Solubility in other sol-

: No data available

Partition coefficient: n-

vents

: No data available

octanol/water

: No data available

Thermal decomposition

: No data available

Auto-ignition temperature



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SECTION 10. STABILITY AND REACTIVITY

Reactivity : No dangerous reaction known under conditions of

normal use.

Chemical stability : Stable under normal conditions.

Possibility of hazardous : No hazards to be specially mentioned. reactions

Conditions to avoid : Keep away from heat, flame, sparks and other ignition

sources.

Incompatible materials : Acids

Strong oxidizing agents

Hazardous decomposition

products

: Carbon oxides

SECTION 11. TOXICOLOGICAL INFORMATION

Acute toxicity

Product:

Acute oral toxicity : Acute toxicity estimate : > 5,000 mg/kg

Method: Calculation method

Acute inhalation toxicity : Acute toxicity estimate : > 30000 ppm

Exposure time: 4 h
Test atmosphere: gas
Method: Calculation method

Acute dermal toxicity : Acute toxicity estimate : > 5,000 mg/kg

Method: Calculation method

Components:

67-63-0:

Acute oral toxicity : LD50 (Rat): 5,045 mg/kg

Acute inhalation toxicity : LC50 (Rat): 16000 ppm

Acute dermal toxicity : LD50 (Rabbit): 12,800 mg/kg

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106-97-8:

Acute inhalation toxicity

: LC50 (Rat): 658 mg/l

Exposure time: 4 h

Acute dermal toxicity

: Remarks: No data available

111-76-2:

Acute oral toxicity

: LD50 (Rat): 745 mg/kg

Assessment: The component/mixture is moderately

toxic after single ingestion.

Acute inhalation toxicity

: LC50 (Rat): 550 ppm

Exposure time: 4 h

Assessment: The component/mixture is moderately

toxic after short term inhalation.

Acute dermal toxicity

: LD50 (Rat): 1,250 mg/kg

Assessment: The component/mixture is moderately

toxic after single contact with skin.

74-98-6:

Acute oral toxicity

Remarks: No data available

Acute inhalation toxicity

: LC50 (Rat): > 13023 ppm

Assessment: The substance or mixture has no acute

inhalation toxicity

Acute dermal toxicity

: Remarks: No data available

Skin corrosion/irritation

Product:

Result: No skin irritation

Components:

67-63-0:

Species: Rabbit

Result: Mild skin irritation

106-97-8:

Remarks: No data available

111-76-2:

Species: Rabbit

Result: Irritating to skin.



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74-98-6:

Remarks: No data available

Serious eye damage/eye irritation

Product:

Result: Irritating to eyes.

Components:

67-63-0:

Species: Rabbit

Result: Irritating to eyes.

106-97-8:

Remarks: No data available

111-76-2: Species: Rabbit

Result: Irritating to eyes.

74-98-6:

Remarks: No data available

Respiratory or skin sensitisation

Components:

106-97-8:

Remarks: No data available

Remarks: No data available

111-76-2:

Test Type: Maximization test

Species: Guinea pig

Result: Did not cause sensitisation on laboratory animals.

Germ cell mutagenicity

Components:

67-63-0:

Genotoxicity in vitro : Test Type: Ames test

Test species: Salmonella typhimurium

Result: negative

Genotoxicity in vivo : Test Type: In vivo micronucleus test

Test species: Mouse

Method: OECD Test Guideline 474



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Result: negative

Germ cell mutagenicity-

Assessment

: Did not show mutagenic effects in animal experi-

ments.

111-76-2:

Genotoxicity in vitro

: Test Type: Mammalian cell gene mutation assay

Test species: Chinese hamster ovary (CHO)

Metabolic activation: with and without metabolic acti-

vation

Result: negative

Genotoxicity in vivo

: Test Type: In vivo micronucleus test

Test species: Mouse (male)

Application Route: Intraperitoneal

Result: negative

Germ cell mutagenicity-

Assessment

: Tests on bacterial or mammalian cell cultures did not

show mutagenic effects.

74-98-6:

Genotoxicity in vitro

: Test Type: Ames test

Test species: Salmonella typhimurium

Result: negative

Genotoxicity in vivo

: Test Type: In vivo micronucleus test

Test species: Mouse

Method: OECD Test Guideline 474

Result: negative

Germ cell mutagenicity-

Assessment

: Tests on bacterial or mammalian cell cultures did not

show mutagenic effects.

Carcinogenicity

Components:

67-63-0:

Species: Rat

NOAEL: 5,000 ppm

Method: OECD Test Guideline 451

Carcinogenicity - As-

: Not classifiable as a human carcinogen.

sessment

111-76-2:

Species: Mouse

Application Route: Inhalation

Exposure time: 2 yr Activity duration: 6 h



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Frequency of Treatment: 5 days/week

NOAEL: 125 ppm

Result: Limited evidence of carcinogenic effects with no relevance to humans

Carcinogenicity - As-

sessment

: Not classifiable as a human carcinogen.

74-98-6:

Carcinogenicity - As-

sessment

: Carcinogenicity classification not possible from current

data.

Reproductive toxicity

Components:

67-63-0:

Reproductive toxicity -

Assessment

: Animal testing did not show any effects on fertility. Did not show teratogenic effects in animal experi-

ments.

111-76-2:

Effects on fertility

: Test Type: Two-generation study

Species: Mouse

Application Route: oral

Fertility: NOAEL: 720 mg/kg body weight

Symptoms: Reduced fertility

Result: Reduced fertility at maternally toxic doses

Effects on foetal devel-

opment

: Test Type: Embryo-foetal development

Species: Rat

Application Route: Inhalation
Duration of Single Treatment: 10 d
Frequency of Treatment: 6 hr/day

Developmental Toxicity: Lowest observed adverse

effect level: 100 ppm

Result: Developmental toxicity occurred at maternal

toxicity dose levels

Reproductive toxicity -

Assessment

: No evidence of adverse effects on sexual function and fertility, or on development, based on animal experi-

ments.

74-98-6:

Reproductive toxicity -

Assessment

: No evidence of adverse effects on sexual function and fertility, or on development, based on animal experi-

ments.

STOT - single exposure

Product:No data available



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Components:

67-63-0:

Exposure routes:	Target Organs:	Assessment:	Remarks:
Inhalation	Central nervous system	May cause drowsiness or dizziness., The substance or mixture is classified as specific target organ toxicant, single exposure, cate-	
		gory 3 with narcotic effects.	

106-97-8: No data available

111-76-2: No data available

74-98-6: No data available

STOT - repeated exposure

Product:No data available

Components:

67-63-0:No data available

106-97-8:No data available

111-76-2:No data available

74-98-6:No data available

Repeated dose toxicity

Components:

111-76-2: Species: Rat

NOAEL: 30 Application Route: Inhalation

Exposure time: 14 wk

Number of exposures: 6 h/d, 5 d/wk



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Aspiration toxicity

Product:

No aspiration toxicity classification

Components:

111-76-2:

No aspiration toxicity classification

Further information

Product:

Remarks: No data available

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

Components:

67-63-0:

Toxicity to fish

: LC50 (Pimephales promelas (fathead minnow)): >

1,000 mg/l

Exposure time: 96 h

Toxicity to daphnia and other aquatic inverte-

: LC50 (Daphnia magna (Water flea)): > 100 mg/l Exposure time: 48 h

brates

Toxicity to algae

: Remarks: No data available

111-76-2:

Toxicity to fish

: LC50 (Oncorhynchus mykiss (rainbow trout)): 1,474

mg/l

Exposure time: 96 h Test Type: static test

Method: OECD Test Guideline 203

GLP: no

Toxicity to daphnia and

other aquatic invertebrates

: EC50 (Daphnia magna (Water flea)): 1,800 mg/l Exposure time: 48 h

Test Type: static test

Method: OECD Test Guideline 202

GLP: no

Toxicity to algae : EC50 (Pseudokirchneriella subcapitata (green algae)):

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911 mg/l

End point: Biomass Exposure time: 72 h Test Type: static test Analytical monitoring: yes

Method: OECD Test Guideline 201

GLP: no

74-98-6:

Toxicity to fish

: Remarks: No data available

Toxicity to daphnia and other aquatic inverte-

: Remarks: No data available

brates

Toxicity to algae

: Remarks: No data available

Persistence and degradability

Components:

111-76-2:

Biodegradability

: aerobic

Inoculum: Activated sludge, domestic, adaption not

specified

Result: Readily biodegradable Biodegradation: 90.4 %

Exposure time: 28 d

Method: OECD Test Guideline 301B

GLP: no

Bioaccumulative potential

Components:

111-76-2:

Partition coefficient: n-

: log Pow: 0.83

octanol/water

Mobility in soil No data available

Other adverse effects

No data available

Product:

40 CFR Protection of Environment; Part 82 Protection Regulation

of Stratospheric Ozone - CAA Section 602 Class I Sub-

Remarks This product neither contains, nor was manufactured

with a Class I or Class II ODS as defined by the U.S.

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Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A

+ B).

Additional ecological in-

formation

: No data available

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods

Waste from residues

: Dispose of in accordance with all applicable local,

state and federal regulations.

For assistance with your waste management needs - including disposal, recycling and waste stream reduction, contact NEXEO's Environmental Services Group

at 800-637-7922.

Contaminated packaging

: Empty remaining contents.

Dispose of as unused product. Do not re-use empty containers.

Do not burn, or use a cutting torch on, the empty

drum.

SECTION 14. TRANSPORT INFORMATION

IATA (International Air Transport Association): UN1950, Aerosols, flammable, 2.1, Flash Point: 26.67 °C(80.01 °F)

IMDG (International Maritime Dangerous Goods): UN1950, AEROSOLS, 2.1

DOT (Department of Transportation): UN1950, AEROSOLS, 2.1,

Special Notes:

: In accordance with 49 CFR non-bulk containers (less than 450L/119 gallon capacity) of this material may be shipped as non-regulated when transported solely by land, as long as the material is not a hazardous waste, a marine pollutant, or specifically listed as a

hazardous substance.

SECTION 15. REGULATORY INFORMATION

OSHA Hazards

: Extremely flammable aerosol, Compressed Gas,

Moderate eye irritant



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WHMIS Classification

: A: Compressed Gas

D1A: Very Toxic Material Causing Immediate and

Serious Toxic Effects

D2B: Toxic Material Causing Other Toxic Effects

B5: Flammable aerosol

EPCRA - Emergency Planning and Community Right-to-Know Act

CERCLA Reportable Quantity

Components	CAS-No.	Component RQ (lbs)	Calculated product RQ (lbs)
Ammonium hydroxide ((NH4)(OH))	1336-21-6	1000	*

^{*:} Calculated RQ exceeds reasonably attainable upper limit.

SARA 304 Extremely Hazardous Substances Reportable Quantity

This material does not contain any components with a section 304 EHS RQ.

SARA 311/312

: Fire Hazard

Hazards

Sudden Release of Pressure Hazard

Acute Health Hazard

SARA 302

: No chemicals in this material are subject to the

reporting requirements of SARA Title III, Section 302.

SARA 313

: The following components are subject to reporting

levels established by SARA Title III, Section 313:

111-76-2

2-Butoxy ethanol

5 %

Clean Air Act

This product does not contain any hazardous air pollutants (HAP), as defined by the U.S. Clean Air Act Section 12 (40 CFR 61).

The following chemical(s) are listed under the U.S. Clean Air Act Section 112(r) for Accidental Release Prevention (40 CFR 68.130, Subpart F):

106-97-8

Butane

5 %

74-98-6 **Propane** 5 %

The following chemical(s) are listed under the U.S. Clean Air Act Section 111 SOCMI Intermediate or Final VOC's (40 CFR 60.489):

67-63-0

Isopropyl alcohol

10 %

111-76-2

2-Butoxy ethanol

5 %

Clean Water Act

The following Hazardous Substances are listed under the U.S. CleanWater Act, Section 311, Table 116.4A:

1336-21-6

Ammonium hydroxide

0.052 %

((NH4)(OH))

The following Hazardous Chemicals are listed under the U.S. CleanWater Act, Section 311, Table 117.3:

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1336-21-6

Ammonium hydroxide

0.052 %

((NH4)(OH))

This product does not contain any toxic pollutants listed under the U.S. Clean Water Act Section 307

US State Regulations

Massachusetts Right To Know

67-63-0	Isopropyl alcohol	10 - 20 %
106-97-8	Butane	5 - 10 %
111-76-2	2-Butoxy ethanol	5 - 10 %
74-98-6	Propane	5 - 10 %

Pennsylvania Right To Know

7732-18-5	Water	90 - 100 %
67-63-0	Isopropyl alcohol	10 - 20 %
106-97-8	Butane	5 - 10 %
111-76-2	2-Butoxy ethanol	5 - 10 %
74-98 - 6	Propane	5 - 10 %
1336-21-6	Ammonium hydroxide ((NH4)(OH))	0 - 0.1 %

New Jersey Right To Know

7732-18-5	Water	90 - 100 %
67-63-0	Isopropyl alcohol	10 - 20 %
106-97-8	Butane	5 - 10 %
111-76-2	2-Butoxy ethanol	5 - 10 %
74-98-6	Propane	5 - 10 %

California Prop 65

: This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

The components of this product are reported in the following inventories:

United States TSCA Inventory	:	y (positive listing) (On TSCA Invento- ry)
Canadian Domestic Substances List (DSL)	:	y (positive listing) (All components of this product are on the Canadian DSL.)
Australia Inventory of Chemical Substances (AICS)	-	y (positive listing) (On the inventory, or in compliance with the inventory)
New Zealand. Inventory of Chemical Substances	:	y (positive listing) (On the inventory,

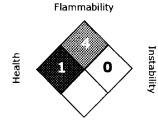


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Japan. ENCS - Existing and New Chemical	:	or in compliance with the inventory) n (Negative listing)
Substances Inventory		(Not in compliance with the inventory)
Korea. Korean Existing Chemicals Inventory (KECI)	:	y (positive listing) (On the inventory, or in compliance with the inventory)
Philippines Inventory of Chemicals and Chemical Substances (PICCS)		y (positive listing) (On the inventory, or in compliance with the inventory)
China. Inventory of Existing Chemical Substances in China (IECSC)		y (positive listing) (On the inventory, or in compliance with the inventory)

SECTION 16. OTHER INFORMATIONFurther information

NFPA:



Special hazard.

HMIS III:

PHYSICAL HAZARD	0
FLAMEGABILITY	4
HEALTH	1

- 0 = not significant, 1 = Slight,
- 2 = Moderate, 3 = High 4 =Extreme, * = Chronic

The information accumulated is based on the data of which we are aware and is believed to be correct as of the date hereof. Since this information may be applied under conditions beyond our control and with which we may be unfamiliar and since data made become available subsequently to the date hereof, we do not assume any responsibility for the results of its use. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances. This MSDS has been prepared by NEXEO™ Solutions EHS Product Safety Department (1-855-429-2661) MSDS@nexeosolutions.com.



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Legecy MSDS:

10000010020

Material number:

16058113, 16058112, 16058111

Key or legend to abbreviations and acronyms used in the safety data sheet						
ACGIH	American Conference of Gov- ernment Industrial Hygienists	LD50	Lethal Dose 50%			
AICS	Australia, Inventory of Chemical Substances	LOAEL	Lowest Observed Adverse Effect Level			
DSL	Canada, Domestic Substances List	NFPA	National Fire Protection Agency			
NDSL	Canada, Non-Domestic Sub- stances List	NIOSH	National Institute for Occupational Safety & Health			
CNS	Central Nervous System	NTP	National Toxicology Program			
CAS	Chemical Abstract Service	NZIoC	New Zealand Inventory of Chemicals			
EC50	Effective Concentration	NOAEL	No Observable Adverse Effect Level			
EC50	Effective Concentration 50%	NOEC	No Observed Effect Concentration			
EGEST	EOSCA Generic Exposure Scenario Tool	OSHA	Occupational Safety & Health Administration			
EOSCA	European Oilfield Specialty Chemicals Association	PEL	Permissible Exposure Limit			
EINECS	European Inventory of Exist- ing Chemical Substances	PICCS	Philipines Inventory of Commercial Chemical Substances			
MAK	Germany Maximum Concen- tration Values	PRNT	Presumed Not Toxic			
GHS	Globally Harmonized System	RCRA	Resource Conservation Recovery Act			
>=	Greater Than or Equal To	STEL	Short-term Exposure Limit			
IC50	Inhibition Concentration 50%	SARA	Superfund Amendments and Reauthorization Act.			
IARC	International Agency for Research on Cancer	TLV	Threshold Limit Value			
IECSC	Inventory of Existing Chemical Substances in China	TWA	Time Weighted Average			
ENCS	Japan, Inventory of Existing and New Chemical Substances	TSCA	Toxic Substance Control Act			
KECI	Korea, Existing Chemical Inventory	UVCB	Unknown or Variable Compositon, Complex Reaction Products, and Biological Materials			
<=	Less Than or Equal To	WHMIS	Workplace Hazardous Materials In- formation System			
LC50	LC50 Lethal Concentration 50%					