

# Det&Rinse Plus

## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Date of issue: 01/10/2019 Version: 2.1

### SECTION 1: Identification

#### 1.1. Identification

Product form : Mixtures  
Trade name : Det&Rinse Plus  
Product code : DB1015A0

#### 1.2. Recommended use and restrictions on use

Use of the substance/mixture : Oven cleaners

#### 1.3. Supplier

Unox Inc  
987 Airlie Parkway  
Denver, NC 28037  
Phone 800-489-8669  
[Det.Rinse@unox.it](mailto:Det.Rinse@unox.it)

#### 1.4. Emergency telephone number

Emergency number (24h/24) : Tel: 1.866.519.4752 (3E Company)  
Access Code: 334577

### SECTION 2: Hazard(s) identification

#### 2.1. Classification of the substance or mixture

##### GHS-US classification

Flammable liquids, Category 4	H227	Combustible liquid
Corrosive to metals, Category 1	H290	May be corrosive to metals
Skin corrosion/irritation, Category 1A	H314	Causes severe skin burns and eye damage
Serious eye damage/eye irritation, Category 1	H318	Causes serious eye damage

Full text of H statements : see section 16

#### 2.2. GHS Label elements, including precautionary statements

##### GHS-US labelling

Hazard pictograms (GHS-US) :



GHS05

Signal word (GHS-US) : Danger

Hazard statements (GHS-US) : H227 - Combustible liquid  
H290 - May be corrosive to metals  
H314 - Causes severe skin burns and eye damage  
H318 - Causes serious eye damage

Precautionary statements (GHS-US) : P210 - Keep away from heat/sparks/open flames/hot surfaces. - No smoking  
P234 - Keep only in original container  
P260 - Do not breathe dust/fume/gas/mist/vapours/spray  
P264 - Wash hands, forearms and face thoroughly after handling  
P280 - Wear protective gloves/protective clothing/eye protection/face protection  
P301+P330+P331 - If swallowed: rinse mouth. Do NOT induce vomiting  
P303+P361+P353 - If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower  
P304+P340 - If inhaled: Remove person to fresh air and keep comfortable for breathing  
P305+P351+P338 - If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

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P310 - Immediately call a poison center/doctor/...  
P321 - Specific treatment (see supplemental first aid instruction on this label)  
P363 - Wash contaminated clothing before reuse  
P370+P378 - In case of fire: Use media other than water to extinguish  
P390 - Absorb spillage to prevent material damage  
P403+P235 - Store in a well-ventilated place. Keep cool  
P405 - Store locked up  
P406 - Store in a corrosion resistant container with a resistant inner liner  
P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation

#### 2.3. Other hazards which do not result in classification

No additional information available

#### 2.4. Unknown acute toxicity (GHS US)

Not applicable

### SECTION 3: Composition/information on ingredients

#### 3.1. Substances

Not applicable

#### 3.2. Mixtures

Name	Product identifier	%	GHS-US classification
potassium hydroxide, caustic potash	(CAS No) 1310-58-3	5 - 15	Met. Corr. 1, H290 Acute Tox. 4 (Oral), H302 Skin Corr. 1A, H314
D-Glucopyranose, oligomeric, decyl octyl glycosides	(CAS No) 68515-73-1	5 - 15	Eye Dam. 1, H318
Dipropylene glycol monomethyl ether-	(CAS No) 34590-94-8	5 - 15	Flam. Liq. 4, H227
Alcohols, C12-14, ethoxylated propoxylated	(CAS No) 68439-51-0	1 - 4	Not classified
Poly(oxy-1,2-ethanediyl), .alpha.-(carboxymethyl)-.omega.-(hexyloxy)	(CAS No) 105391-15-9	1 - 4	Skin Irrit. 2, H315 Eye Dam. 1, H318
Poly(oxy-1,2-ethanediyl), .alpha.-(carboxymethyl)-.omega.-(octyloxy)	(CAS No) 53563-70-5	1 - 4	Eye Dam. 1, H318

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 : Self-protection of the first aider.

First-aid measures after inhalation : Remove victim to fresh air and keep at rest in a position comfortable for breathing. Seek medical attention immediately.

First-aid measures after skin contact : Immediately rinse with plenty of water (for at least 15 minutes). Remove contaminated clothing immediately and dispose of safely. Wash contaminated clothing before reuse. Seek medical attention immediately.

First-aid measures after eye contact : In case of contact with eyes, rinse immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart. Subsequently consult an ophthalmologist. Remove contact lenses, if present and easy to do. Continue rinsing. Protect uninjured eye.

First-aid measures after ingestion : Immediately call a POISON CENTER or doctor/ physician. Never give anything by mouth to an unconscious person. Do not induce vomiting.

#### 4.2. Most important symptoms and effects (acute and delayed)

Symptoms/injuries after inhalation : Corrosive to respiratory system. Causes burns.

Symptoms/injuries after skin contact : Causes severe burns.

Symptoms/injuries after eye contact : Causes serious eye damage. Corneal opacity, Iris lesions.

Symptoms/injuries after ingestion : Severe irritation or burns to the mouth, throat, oesophagus, and stomach.

#### 4.3. Immediate medical attention and special treatment, if necessary

Keep under medical supervision for at least 48 hours. In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

### SECTION 5: Fire-fighting measures

#### 5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media : Water fog, carbon dioxide (CO2), dry chemical powder, foam.

Unsuitable extinguishing media : Do not use water jet.

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### 5.2. Specific hazards arising from the chemical

Fire hazard	: Combustible. On burning: release of (highly) toxic gases/vapours.
Explosion hazard	: None known.
Reactivity	: Reacts exothermically with (some) acids. Reacts with (strong) oxidizers.

### 5.3. Special protective equipment and precautions for fire-fighters

Precautionary measures fire	: Evacuate the personnel away from the fumes.
Firefighting instructions	: Cool down the containers exposed to heat with a water spray. Move undamaged containers from immediate hazard area if it can be done safely.
Protective equipment for firefighters	: Extra personal protection: complete protective clothing including self-contained breathing apparatus.
Other information	: Do not allow run-off from fire fighting to enter drains or water courses.

## SECTION 6: Accidental release measures

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

#### 6.1.1. For non-emergency personnel

Protective equipment	: Wear personal protection equipment. Do not attempt to take action without suitable protective equipment.
Emergency procedures	: Immediately contact emergency personnel. Eliminate all ignition sources if safe to do so. Spilled material may present a slipping hazard.

#### 6.1.2. For emergency responders

Protective equipment	: Wear suitable protective clothing, gloves and eye/face protection. Do not attempt to take action without suitable protective equipment. In presence of product's residue, total impervious protective suits, gloves, and boots must be worn.
Emergency procedures	: Evacuate unnecessary personnel. Eliminate all ignition sources if safe to do so. Spilled material may present a slipping hazard. Avoid inhalation of vapours. Ventilate affected area. Consult an expert.

### 6.2. Environmental precautions

Avoid release to the environment. Avoid sub-soil penetration. Relevant water authorities should be notified of any large spillage to water course or drain.

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

For containment	: Stop leak if safe to do so. Recover small spills with a suitable absorbent, like diatomaceous earth. Recover large spills by pumping (use an explosion proof or hand pump).
Methods for cleaning up	: Ventilate affected area. Wear personal protection equipment. Collect in closed containers for disposal. Wash with plenty of soap and water. Consult the appropriate authorities about waste disposal. Wash contaminated area with large amounts of water.
Other information	: Do not allow uncontrolled discharge of product into the environment.

### 6.4. Reference to other sections

For disposal of residues refer to section 13 : Disposal considerations. For further information refer to section 8: "Exposure controls/personal protection".

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Precautions for safe handling	: Avoid contact with skin and eyes. Avoid breathing mist or vapor . Keep away from sources of ignition - No smoking. Take any precaution to avoid mixing with incompatible materials. Open and handle container with care. Ensure operatives are trained to minimise exposures. Avoid formation of vapours.
Hygiene measures	: Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace.

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

Technical measures	: Provide adequate ventilation.
Storage conditions	: Store tightly closed in a dry, cool and well-ventilated place. Keep out of direct sunlight.
Incompatible materials	: Acids, alkali, oxidizing agents. Flammable materials. Peroxides.
Storage temperature	: 5 - 40 °C
Heat and ignition sources	: Keep away from open flames, hot surfaces and sources of ignition.
Information on mixed storage	: Keep away from food, drink and animal feeding stuffs.
Storage area	: Use explosion-proof lighting equipment.
Packaging materials	: stainless steel, Polyvinylchloride (PVC) . Polyethylene, Teflon, Neoprene. Unsuitable material: Do not use aluminum, tin or zinc containers, Copper, Lead, Tin (inorganic compounds).

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## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

<b>potassium hydroxide, caustic potash (1310-58-3)</b>		
Not applicable		
<b>Alcohols, C12-14, ethoxylated propoxylated (68439-51-0)</b>		
Not applicable		
<b>D-Glucopyranose, oligomeric, decyl octyl glycosides (68515-73-1)</b>		
Not applicable		
<b>Dipropylene glycol monomethyl ether- (34590-94-8)</b>		
ACGIH	ACGIH TWA (ppm)	100 ppm
ACGIH	ACGIH STEL (ppm)	150 ppm
OSHA	OSHA PEL (TWA) (mg/m³)	600 mg/m³
OSHA	OSHA PEL (TWA) (ppm)	100 ppm
OSHA	Limit value category (OSHA)	prevent or reduce skin absorption
IDLH	US IDLH (ppm)	600 ppm
NIOSH	NIOSH REL (TWA) (mg/m³)	600 mg/m³
NIOSH	NIOSH REL (TWA) (ppm)	100 ppm
NIOSH	NIOSH REL (STEL) (mg/m³)	900 mg/m³
NIOSH	NIOSH REL (STEL) (ppm)	150 ppm
NIOSH	US-NIOSH chemical category	Potential for dermal absorption
<b>Poly(oxy-1,2-ethanediyl), .alpha.-(carboxymethyl)-.omega.-(hexyloxy) (105391-15-9)</b>		
Not applicable		
<b>Poly(oxy-1,2-ethanediyl), .alpha.-(carboxymethyl)-.omega.-(octyloxy) (53563-70-5)</b>		
Not applicable		

### 8.2. Appropriate engineering controls

Appropriate engineering controls	: Provide adequate ventilation. A washing facility/water for eye and skin cleaning purposes should be present.
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### 8.3. Individual protection measures/Personal protective equipment

#### Personal protective equipment:

Safety glasses. Gloves. Protective clothing. An approved organic vapour respirator/supplied air or self-contained breathing apparatus must be used when vapour concentration exceeds applicable exposure limits.

#### Materials for protective clothing:

Rubbers, PVC (Polyvinyl chloride), Natural fibres (e.g. cotton). (NIOSH-approved)

#### Hand protection:

Chemical resistant gloves (nitrile-rubber, PVC, neoprene). Break through time: ≥ 480 min. Thickness of glove material: 0.4-0.5 mm. Use equipment for hand protection tested and approved in accordance with OSHA requirements (29 CFR 1910.133)

#### Eye protection:

Chemical goggles or face shield with safety glasses. Do not wear contact lenses. Use equipment for eye protection tested and approved in accordance with OSHA requirements (29 CFR 1910.133)

#### Skin and body protection:

Wear work clothes with long sleeves. Wear suitable protective clothing or Rubber apron. (NIOSH-approved)

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### Respiratory protection:

An approved organic vapour respirator/supplied air or self-contained breathing apparatus must be used when vapour concentration exceeds applicable exposure limits. (NIOSH-approved)



## SECTION 9: Physical and chemical properties

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

Physical state	: Liquid
Colour	: straw yellow
Odour	: characteristic
Odour threshold	: No data available
pH	: 14 at 20°C
Melting point	: No data available
Freezing point	: No data available
Boiling point	: > 100 °C
Flash point	: No data available
Relative evaporation rate (butylacetate=1)	: No data available
Flammability (solid, gas)	: Not flammable.
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative density	: No data available
Density	: 1.1 - 1.25 kg/l
Solubility	: soluble in water.
Log Pow	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive limits	: No data available
Explosive properties	: Not expected to be explosive as none of the components is classified as explosive.
Oxidising properties	: Not oxidising.

### 9.2. Other information

VOC content	: 5.5 %
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## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Reacts exothermically with (some) acids. Reacts with (strong) oxidizers.

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

None under normal conditions.

### 10.4. Conditions to avoid

Keep away from acids. Oxidizing agent. Peroxides.

### 10.5. Incompatible materials

Acids. Oxidizing agent. Peroxides. Flammable materials.

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### 10.6. Hazardous decomposition products

On combustion or on thermal decomposition (pyrolysis) releases : Nitrogen oxides (NOx). Carbon dioxide (CO2). Phosphorus oxides. Sulfur oxides. Pyrolysis products, toxic.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity : Not classified

<b>potassium hydroxide, caustic potash (1310-58-3)</b>	
LD50 oral rat	333 mg/kg
ATE US (oral)	333.000 mg/kg bodyweight
<b>Alcohols, C12-14, ethoxylated propoxylated (68439-51-0)</b>	
LD50 oral rat	> 2000 mg/kg
<b>D-Glucopyranose, oligomeric, decyl octyl glycosides (68515-73-1)</b>	
LD50 oral rat	> 2000 mg/kg (OECD 423 method)
LD50 dermal rat	> 2000 mg/kg (OECD 402 method)
<b>Dipropylene glycol monomethyl ether- (34590-94-8)</b>	
LD50 oral rat	5400 mg/kg
LD50 dermal rat	> 13000 mg/kg
ATE US (oral)	5400.000 mg/kg bodyweight

Skin corrosion/irritation : Causes severe skin burns and eye damage.

pH: 14 at 20°C

Serious eye damage/irritation : Causes serious eye damage.

pH: 14 at 20°C

Respiratory or skin sensitisation : Not classified

Germ cell mutagenicity : Not classified

Carcinogenicity : Not classified

Reproductive toxicity : Not classified

Specific target organ toxicity (single exposure) : Not classified

Specific target organ toxicity (repeated exposure) : Not classified

Aspiration hazard : Not classified

Symptoms/injuries after inhalation : Corrosive to respiratory system. Causes burns.

Symptoms/injuries after skin contact : Causes severe burns.

Symptoms/injuries after eye contact : Causes serious eye damage. Corneal opacity. Iris lesions.

Symptoms/injuries after ingestion : Severe irritation or burns to the mouth, throat, oesophagus, and stomach.

## SECTION 12: Ecological information

### 12.1. Toxicity

<b>potassium hydroxide, caustic potash (1310-58-3)</b>	
LC50 fish 1	80 mg/l Gambusia affinis
<b>Alcohols, C12-14, ethoxylated propoxylated (68439-51-0)</b>	
LC50 fish 1	1 - 10 mg/l (OECD 203 method)
EC50 Daphnia 1	1 - 10 (OECD 202 method)
EC50 other aquatic organisms 1	> 10000 mg/l Bacteria toxicity
<b>D-Glucopyranose, oligomeric, decyl octyl glycosides (68515-73-1)</b>	
LC50 fish 1	> 100 mg/l Brachydariorerio
EC50 Daphnia 1	10 - 100 mg/l

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<b>D-Glucopyranose, oligomeric, decyl octyl glycosides (68515-73-1)</b>	
NOEC chronic fish	1.8 mg/l Brachydanio rerio
NOEC chronic crustacea	1 mg/l Daphnia Magna
<b>Dipropylene glycol monomethyl ether- (34590-94-8)</b>	
LC50 fish 1	> 10000 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])
EC50 Daphnia 1	1919 mg/l (Exposure time: 48 h - Species: Daphnia magna)
EC50 other aquatic organisms 1	4168 mg/l Active sludge

### 12.2. Persistence and degradability

<b>potassium hydroxide, caustic potash (1310-58-3)</b>	
Persistence and degradability	The methods for determining the biological degradability are not applicable to inorganic substances.

<b>Dipropylene glycol monomethyl ether- (34590-94-8)</b>	
Persistence and degradability	Readily biodegradable.
Biodegradation	96 % 28 day

### 12.3. Bioaccumulative potential

<b>Det&amp;Rinse Plus</b>	
Bioaccumulative potential	Low bioaccumulation potential.

<b>potassium hydroxide, caustic potash (1310-58-3)</b>	
Bioaccumulative potential	No bioaccumulation.

<b>Alcohols, C12-14, ethoxylated propoxylated (68439-51-0)</b>	
Log Pow	< 1.77
Bioaccumulative potential	No bioaccumulation.

<b>Dipropylene glycol monomethyl ether- (34590-94-8)</b>	
Log Pow	0.004
Bioaccumulative potential	No bioaccumulation.

### 12.4. Mobility in soil

<b>Det&amp;Rinse Plus</b>	
Ecology - soil	Expected to be highly mobile in soil.

### 12.5. Other adverse effects

Effect on global warming	: No known effects from this product.
GWPmix comment	: No known effects from this product.

## SECTION 13: Disposal considerations

### 13.1. Disposal methods

Waste treatment methods	: Reuse or recycle following decontamination. External recovery and recycling of waste should comply with applicable local and/or national regulations. Recycling is preferred to disposal or incineration.
Product/Packaging disposal recommendations	: Dispose of this material and its container at hazardous or special waste collection point.

## SECTION 14: Transport information

### Department of Transportation (DOT)

In accordance with DOT	
Transport document description	: UN1814 Potassium hydroxide, solution, 8, II
UN-No.(DOT)	: UN1814
Proper Shipping Name (DOT)	: Potassium hydroxide, solution
Class (DOT)	: 8 - Class 8 - Corrosive material 49 CFR 173.136
Packing group (DOT)	: II - Medium Danger

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Hazard labels (DOT) : 8 - Corrosive



DOT Packaging Non Bulk (49 CFR 173.xxx) : 202  
 DOT Packaging Bulk (49 CFR 173.xxx) : 242  
 DOT Special Provisions (49 CFR 172.102) : B2 - MC 300, MC 301, MC 302, MC 303, MC 305, and MC 306 and DOT 406 cargo tanks are not authorized.

IB2 - Authorized IBCs: Metal (31A, 31B and 31N); Rigid plastics (31H1 and 31H2); Composite (31HZ1). Additional Requirement: Only liquids with a vapor pressure less than or equal to 110 kPa at 50 C (1.1 bar at 122 F), or 130 kPa at 55 C (1.3 bar at 131 F) are authorized.  
 T7 - 4 178.274(d)(2) Normal..... 178.275(d)(3)  
 TP2 - a. The maximum degree of filling must not exceed the degree of filling determined by the following: (image) Where: tr is the maximum mean bulk temperature during transport, tf is the temperature in degrees celsius of the liquid during filling, and a is the mean coefficient of cubical expansion of the liquid between the mean temperature of the liquid during filling (tf) and the maximum mean bulk temperature during transportation (tr) both in degrees celsius. b. For liquids transported under ambient conditions may be calculated using the formula: (image) Where: d15 and d50 are the densities (in units of mass per unit volume) of the liquid at 15 C (59 F) and 50 C (122 F), respectively.

DOT Packaging Exceptions (49 CFR 173.xxx) : 154  
 DOT Quantity Limitations Passenger aircraft/rail (49 CFR 173.27) : 1 L  
 DOT Quantity Limitations Cargo aircraft only (49 CFR 175.75) : 30 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.

DOT Vessel Stowage Other : 52 - Stow "separated from" acids

Emergency Response Guide (ERG) Number : 154

Other information : No supplementary information available.

### Transportation of Dangerous Goods

#### Transport by sea

Transport document description (IMDG) : UN 1814 POTASSIUM HYDROXIDE SOLUTION, 8, II  
 UN-No. (IMDG) : 1814  
 Proper Shipping Name (IMDG) : POTASSIUM HYDROXIDE SOLUTION  
 Class (IMDG) : 8 - Corrosive substances  
 Packing group (IMDG) : II - substances presenting medium danger  
 Limited quantities (IMDG) : 1 L

#### Air transport

Transport document description (IATA) : UN 1814 Potassium hydroxide solution, 8, II  
 UN-No. (IATA) : 1814  
 Proper Shipping Name (IATA) : Potassium hydroxide solution  
 Class (IATA) : 8 - Corrosives  
 Packing group (IATA) : II - Medium Danger

## SECTION 15: Regulatory information

### 15.1. US Federal regulations

All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory except for:

potassium hydroxide, caustic potash	CAS No 1310-58-3	5 - 15%
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This product or mixture does not contain a toxic chemical or chemicals in excess of the applicable minimum concentration as specified in 40 CFR §372.38(a) subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

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<b>Alcohols, C12-14, ethoxylated propoxylated (68439-51-0)</b>	
EPA TSCA Regulatory Flag	XU - XU - indicates a substance exempt from reporting under the Inventory Update Reporting Rule, i.e. Partial Updating of the TSCA Inventory Data Base Production and Site Reports (40 CFR 710(C)).
<b>Poly(oxy-1,2-ethanediyl), .alpha.-(carboxymethyl)-.omega.-(hexyloxy) (105391-15-9)</b>	
EPA TSCA Regulatory Flag	P - P - indicates a commenced PMN substance. XU - XU - indicates a substance exempt from reporting under the Inventory Update Reporting Rule, i.e. Partial Updating of the TSCA Inventory Data Base Production and Site Reports (40 CFR 710(C)).
<b>Poly(oxy-1,2-ethanediyl), .alpha.-(carboxymethyl)-.omega.-(octyloxy) (53563-70-5)</b>	
EPA TSCA Regulatory Flag	P - P - indicates a commenced PMN substance. XU - XU - indicates a substance exempt from reporting under the Inventory Update Reporting Rule, i.e. Partial Updating of the TSCA Inventory Data Base Production and Site Reports (40 CFR 710(C)).

### 15.2. International regulations

#### CANADA

No additional information available

<b>Alcohols, C12-14, ethoxylated propoxylated (68439-51-0)</b>	
Listed on the Canadian DSL (Domestic Substances List)	
<b>D-Glucopyranose, oligomeric, decyl octyl glycosides (68515-73-1)</b>	
Listed on the Canadian DSL (Domestic Substances List)	
<b>Dipropylene glycol monomethyl ether- (34590-94-8)</b>	
Listed on the Canadian DSL (Domestic Substances List)	
<b>Poly(oxy-1,2-ethanediyl), .alpha.-(carboxymethyl)-.omega.-(hexyloxy) (105391-15-9)</b>	
Listed on the Canadian DSL (Domestic Substances List)	
<b>Poly(oxy-1,2-ethanediyl), .alpha.-(carboxymethyl)-.omega.-(octyloxy) (53563-70-5)</b>	
Listed on the Canadian DSL (Domestic Substances List)	

#### EU-Regulations

No additional information available

<b>D-Glucopyranose, oligomeric, decyl octyl glycosides (68515-73-1)</b>	
Listed on the EU NLP (No Longer Polymers) inventory	
<b>Dipropylene glycol monomethyl ether- (34590-94-8)</b>	
Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)	

#### National regulations

<b>Alcohols, C12-14, ethoxylated propoxylated (68439-51-0)</b>	
Listed on the AICS (Australian Inventory of Chemical Substances) Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China) Listed on the Korean ECL (Existing Chemicals List) Listed on NZIoC (New Zealand Inventory of Chemicals) Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)	
<b>D-Glucopyranose, oligomeric, decyl octyl glycosides (68515-73-1)</b>	
Listed on the AICS (Australian Inventory of Chemical Substances) Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China) Listed on the Korean ECL (Existing Chemicals List) Listed on NZIoC (New Zealand Inventory of Chemicals) Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances) Listed on Turkish inventory of chemical	

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<b>Dipropylene glycol monomethyl ether- (34590-94-8)</b>	
Listed on the AICS (Australian Inventory of Chemical Substances) Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China) Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory Listed on the Korean ECL (Existing Chemicals List) Listed on NZIoC (New Zealand Inventory of Chemicals) Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances) Listed on the Canadian IDL (Ingredient Disclosure List) Listed on INSQ (Mexican National Inventory of Chemical Substances) Listed on Turkish inventory of chemical	
<b>Poly(oxy-1,2-ethanediyl), .alpha.-(carboxymethyl)-.omega.-(hexyloxy) (105391-15-9)</b>	
Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China) Listed on NZIoC (New Zealand Inventory of Chemicals)	
<b>Poly(oxy-1,2-ethanediyl), .alpha.-(carboxymethyl)-.omega.-(octyloxy) (53563-70-5)</b>	
Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)	

### 15.3. US State regulations

California Proposition 65 - This product does not contain any substances known to the state of California to cause cancer, developmental and/or reproductive harm

## SECTION 16: Other information

Other information : This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product. It is the user's responsibility to take mentioned precaution measures and ensure that this information is complete and sufficient for the use of this product.

Full text of H-statements:

H227	Combustible liquid
H290	May be corrosive to metals
H302	Harmful if swallowed
H314	Causes severe skin burns and eye damage
H315	Causes skin irritation
H318	Causes serious eye damage
H319	Causes serious eye irritation

Abbreviations and acronyms:

01/10/2019

EN (English)

10/11

# Det&Rinse Plus

## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

SDS	Safety Data Sheet
	CAS - Chemical Abstracts Service
	GHS - Globally Harmonised System
	CSR - Chemical Safety Report
ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
DNEL	Derived-No Effect Level
EC50	Median effective concentration
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods
LC50	Median lethal concentration
LD50	Median lethal dose
LOAEL	Lowest Observed Adverse Effect Level
NOAEC	No-Observed Adverse Effect Concentration
NOAEL	No-Observed Adverse Effect Level
NOEC	No-Observed Effect Concentration
OECD	Organisation for Economic Co-operation and Development
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
	PVC (Polyvinyl chloride).
PNEC	Predicted No-Effect Concentration
PBT	Persistent Bioaccumulative Toxic
vPvB	Very Persistent and Very Bioaccumulative
ATE	Acute Toxicity Estimate
BCF	Bioconcentration factor
CLP	Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006

SDS US (GHS HazCom 2012)

*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product*