

Recommended restrictions

# SAFETY DATA SHEET

1. Product and Company Identification

**Product identifier Pro Series Liquid Cover** 

Other means of identification Not available

Recommended use Suppression of water evaporation and heat loss None known.

Manufacturer information **NC Brands** 40 Richards Ave. Norwalk, CT 06854 US

> Phone: (800) 753-1233 Emergency Phone: CHEMTREC (800) 424-9300

**Supplier** See above.

2. Hazards Identification

Not classified. Physical hazards **Health hazards** Not classified. **Environmental hazards** Not classified. WHMIS 2015 defined hazards Not classified

Label elements

None. **Hazard symbol** Signal word None.

The mixture does not meet the criteria for classification. **Hazard statement** 

**Precautionary statement** 

Prevention Observe good industrial hygiene practices.

Wash hands after handling. Response

Store away from incompatible materials. Storage

None known

Disposal Dispose of waste and residues in accordance with local authority requirements.

WHMIS 2015: Health Hazard(s)

not otherwise classified

(HHNOC)

WHMIS 2015: Physical

Hazard(s) not otherwise classified (PHNOC)

Hazard(s) not otherwise

classified (HNOC)

None known None known.

Supplemental information Not applicable.

#### 3. Composition/Information on Ingredients

#### **Mixture**

Chemical name	Common name and synonyms	CAS number	%
Cetyl Alcohol		36653-82-4	4
1,2-Propanediol		57-55-6	1

All concentrations are in percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

# 4. First Aid Measures

Inhalation If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing.

Call a physician if symptoms develop or persist.

Skin contact Rinse skin with water/shower. Get medical attention if irritation develops and persists.

Rinse with water. Get medical attention if irritation develops and persists. Eye contact

Rinse mouth. If ingestion of a large amount does occur, call a poison control center immediately. Ingestion

Most important

symptoms/effects, acute and

delayed

Direct contact with eyes may cause temporary irritation.

#24128 Page: 1 of 7 Issue date 28-April-2017 Indication of immediate medical attention and special treatment needed

**General information** 

Treat symptomatically.

None known.

Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Avoid contact with eyes and skin. Wear rubber gloves and safety glasses with side shields

	5.	Fire	Figh	ting	Measures
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Suitable extinguishing media

Unsuitable extinguishing

media

Specific hazards arising from

the chemical

During fire, gases hazardous to health may be formed.

Special protective equipment and precautions for firefighters

Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

Use standard firefighting procedures and consider the hazards of other involved materials.

Fire-fighting

equipment/instructions

Move containers from fire area if you can do so without risk.

Specific methods
General fire hazards

No unusual fire or explosion hazards noted.

Foam. Dry chemical. Carbon dioxide.

Hazardous combustion products

May include and are not limited to: Oxides of carbon.

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## 6. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

Methods and materials for containment and cleaning up

Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. For personal protection, see section 8 of the SDS.

Stop the flow of material, if this is without risk.

Large Spills: Dike the spilled material, where this is possible. Cover with plastic sheet to prevent spreading. Absorb in vermiculite, dry sand or earth and place into containers. Prevent entry into waterways, sewer, basements or confined areas. Following product recovery, flush area with water.

Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

**Environmental precautions** 

Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS.

Avoid discharge into drains, water courses or onto the ground.

### 7. Handling and Storage

Precautions for safe handling Conditions for safe storage, including any incompatibilities Avoid contact with eyes and skin. Avoid prolonged exposure. Use care in handling/storage. Store in original tightly closed container. Store away from incompatible materials (see Section 10 of the SDS).

#### 8. Exposure Controls/Personal Protection

### Occupational exposure limits

Canada. Ontario OELs. (Control of Exposure to Biological or Chemical Agents)

Components	Туре	Value	Form
1,2-Propanediol (CAS 57-55-6)	TWA	155 mg/m3	Vapor and aerosol.
,		10 mg/m3	Aerosol.
		50 ppm	Vapor and aerosol.
US. AIHA Workplace Environme	ental Exposure Level (WEEL) Guides		
Components	Туре	Value	Form
1,2-Propanediol (CAS	TWA	10 mg/m3	Aerosol.

**Biological limit values** 

57-55-6)

No biological exposure limits noted for the ingredient(s).

Appropriate engineering controls

Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.

Individual protection measures, such as personal protective equipment

**Eye/face protection** Wear safety glasses with side shields.

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Skin protection

Rubber gloves. Confirm with a reputable supplier first. Hand protection

Other Wear suitable protective clothing.

Respiratory protection Not normally required if good ventilation is maintained.

Thermal hazards Not applicable.

General hygiene considerations

Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective

equipment to remove contaminants.

### 9. Physical and Chemical Properties

Liquid **Appearance** Physical state Liquid. **Form** Liquid. Color Orange Odor Not available. **Odor threshold** Not available.

5 - 8 На

Not available. Melting point/freezing point Not available. Initial boiling point and boiling

range

Pour point

Not available. 0.97 - 1.1Not available.

**Partition coefficient** (n-octanol/water)

Specific gravity

Flash point Not available. Not available. **Evaporation rate** Not applicable. Flammability (solid, gas) Upper/lower flammability or explosive limits

Flammability limit - lower

Not available.

Flammability limit - upper

(%)

Not available.

Not available. Explosive limit - lower (%) Not available. Explosive limit - upper (%) Vapor pressure Not available. Not available. Vapor density

8 - 9 lb/gal Relative density Solubility(ies) Complete Not available. **Auto-ignition temperature** Not available. **Decomposition temperature** 

Not available. Viscosity

# 10. Stability and Reactivity

Reactivity

The product is stable and non-reactive under normal conditions of use, storage and transport.

Possibility of hazardous

reactions

No dangerous reaction known under conditions of normal use.

Chemical stability Material is stable under normal conditions.

Conditions to avoid Do not mix with other chemicals.

Incompatible materials Strong oxidizing agents.

Hazardous decomposition

Eye, Skin contact, Inhalation, Ingestion.

May include and are not limited to: Oxides of carbon.

products

Routes of exposure

11. Toxicological Information

Information on likely routes of exposure

Ingestion May cause stomach distress, nausea or vomiting.

#24128 Page: 3 of 7 Issue date 28-April-2017 InhalationNo adverse effects due to inhalation are expected.Skin contactNo adverse effects due to skin contact are expected.

**Eye contact** May be irritating to eyes.

Symptoms related to the physical, chemical and toxicological characteristics

Direct contact with skin may cause irritation. Direct contact with eyes may cause temporary

irritation.

## Information on toxicological effects

Acute toxicity

Acute toxicity		
Components	Species	Test Results
1,2-Propanediol (CAS 57-55-6)		
Acute		
Dermal	B.113	00000 #
LD50	Rabbit	20800 mg/kg
Inhalation	Note: 29-11-	
LC50	Not available	
<i>Oral</i> LD50	Dog	19000 mg/kg
LD30	Dog	
	Guinea pig	184000 mg/kg
	Mouse	23900 mg/kg
	Rabbit	14800 mg/kg
	Rat	20000 mg/kg
Cetyl Alcohol (CAS 36653-82-4)		
Acute		
Dermal	Outros win	440 m/len LIODO Dette de la desetrial liberia de
LD50	Guinea pig	< 10 g/kg, HSDB, Patty's Industrial Hygiene and Toxicology
	Rabbit	8000 mg/kg, 24 Hours, ECHA
		2600 mg/kg, LOLI
Inhalation		
LC50	Not available	
Oral		
LD50	Mouse	3200 mg/kg, Sax's Dangerous Properties of Industrial Materials
	Rat	> 7960 mg/kg, ECHA
	> 5000 mg/kg, ECHA > 2000 mg/kg, ECHA	
		5000 mg/kg, LOLI
Skin corrosion/irritation	May cause irritation.	
Exposure minutes	Not available.	
Erythema value	Not available.	
Oedema value	Not available.	
Serious eye damage/eye	May be irritating to eyes.	
irritation	, , ,	
Corneal opacity value	Not available.	
Iris lesion value	Not available.	
Conjunctival reddening value	Not available.	
Conjunctival oedema value	Not available.	
Recover days	Not available.	
Respiratory or skin sensitization	1	
Respiratory sensitization	Not classified.	
Skin sensitization	This product is not expected to cause skin sensitization.	
Mutagenicity	No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.	

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Carcinogenicity This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.

US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not listed.

Reproductive toxicity

This product is not expected to cause reproductive or developmental effects.

Teratogenicity Not classified.

Specific target organ toxicity - Not classified.

single exposure

Specific target organ toxicity -

repeated exposure

Not classified.

See below

Aspiration hazard Not classified.

Chronic effects Not classified.

12. Ecological Information

Ecotoxicological data

**Species** 

Components

1,2-Propanediol (CAS 57-55-6)

Crustacea EC50 Daphnia 10000 mg/L, 48 Hours

Aquatic

**Ecotoxicity** 

Crustacea EC50 Water flea (Daphnia magna) > 10000 mg/L, 48 hours
Fish LC50 Fathead minnow (Pimephales promelas) 710 mg/L, 96 hours

Persistence and degradability No data is available on the degradability of this product.

Bioaccumulative potentialNo data available.Mobility in soilNo data available.Mobility in generalNot available.

Other adverse effects No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation

potential, endocrine disruption, global warming potential) are expected from this component.

**Test Results** 

13. Disposal Considerations

**Disposal instructions**Collect and reclaim or dispose in sealed containers at licensed waste disposal site.

**Local disposal regulations**Dispose in accordance with all applicable regulations.

Hazardous waste code

The waste code should be assigned in discussion between the user, the producer and the waste

disposal company.

Waste from residues / unused

products

Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see:

Disposal instructions).

**Contaminated packaging** Empty containers should be taken to an approved waste handling site for recycling or disposal.

Since emptied containers may retain product residue, follow label warnings even after container is

emptied.

14. Transport Information

**Transport of Dangerous Goods** In accordance with Part 2.2.1 (SOR/2014-152) of the Transportation of Dangerous Goods (**TDG**) **Proof of Classification** Regulations, we certify that the classification of this product is correct as of the SDS date of issue.

**U.S. Department of Transportation (DOT)** 

Not regulated as dangerous goods.

Transportation of Dangerous Goods (TDG - Canada)

Not regulated as dangerous goods.

15. Regulatory Information

**Canadian federal regulations** This product has been classified in accordance with the hazard criteria of the HPR and the SDS contains all the information required by the HPR.

Export Control List (CEPA 1999, Schedule 3)

Not listed.

**Greenhouse Gases** 

Not listed.

**Precursor Control Regulations** 

Not regulated.

WHMIS 2015 Exemptions Not applicable

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#### **US federal regulations**

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

Not regulated.

**CERCLA Hazardous Substance List (40 CFR 302.4)** 

Not listed.

US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not listed.

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories Immediate Hazard - No

Delayed Hazard - No Fire Hazard - No Pressure Hazard - No Reactivity Hazard - No

SARA 302 Extremely

hazardous substance SARA 311/312 Hazardous

No

No

chemical

SARA 313 (TRI reporting)

Not regulated.

#### Other federal regulations

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List

Not regulated.

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)

Not regulated.

#### **US state regulations**

**US - Minnesota Haz Subs: Listed substance** 

1,2-Propanediol (CAS 57-55-6) Listed.

US - New Jersey RTK - Substances: Listed substance

1,2-Propanediol (CAS 57-55-6)

US - Texas Effects Screening Levels: Listed substance

1,2-Propanediol (CAS 57-55-6) Listed. Cetyl Alcohol (CAS 36653-82-4) Listed.

**US. Massachusetts RTK - Substance List** 

Not regulated.

US. New Jersey Worker and Community Right-to-Know Act

Not regulated.

US. Pennsylvania Worker and Community Right-to-Know Law

1,2-Propanediol (CAS 57-55-6)

**US. Rhode Island RTK** 

Not regulated.

**US. California Proposition 65** 

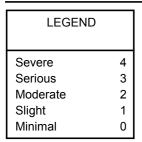
Not Listed.

### **Inventory status**

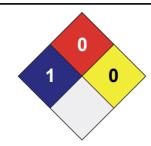
Country(s) or region	Inventory name	On inventory (yes/no)*
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

\*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

## 16. Other Information







**Disclaimer** The information in the sheet was written based on the best knowledge and experience currently

available. Information contained herein was obtained from sources considered technically accurate and reliable. While every effort has been made to ensure full disclosure of product hazards, in some cases data is not available and is so stated. Since conditions of actual product use are beyond control of the supplier, it is assumed that users of this material have been fully trained according to the requirements of all applicable legislation and regulatory instruments. No warranty,

expressed or implied, is made and supplier will not be liable for any losses, injuries or consequential damages which may result from the use of or reliance on any information contained

in this document.

Issue date 28-April-2017

Version # 01

Effective date 28-April-2017

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Other information For an updated SDS, please contact the supplier/manufacturer listed on the first page of the

document.

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