

# **ICP** Construction Inc.

Version No: 6.7

Safety Data Sheet according to OSHA HazCom Standard (2012) requirements

Issue Date: **11/07/2024** Print Date: **11/07/2024** S.GHS.USA.EN

## **SECTION 1 Identification**

## **Product Identifier**

Product name	Cem-Seal Delta Fog
Synonyms	Not Available
Other means of identification	Not Available

## Recommended use of the chemical and restrictions on use

Relevant identified	Specialty floor coating color
uses	

## Name, address, and telephone number of the chemical manufacturer, importer, or other responsible party

Registered company name	ICP Construction Inc.
Address	150 Dascomb Road Andover, MA 01810 United States
Telephone	1-866-667-5119 1-978-623-9987
Fax	Not Available
Website	www.icpgroup.com
Email	sds@icpgroup.com

#### **Emergency phone number**

Association / Organisation	ChemTel
Emergency telephone number(s)	1-800-255-3924
Other emergency telephone number(s)	1-813-248-0585

# SECTION 2 Hazard(s) identification

## Classification of the substance or mixture

NFPA 704 diamond



Note: The hazard category numbers found in GHS classification in section 2 of this SDSs are NOT to be used to fill in the NFPA 704 diamond. Blue = Health Red = Fire Yellow = Reactivity White = Special (Oxidizer or water reactive substances)

Classification Carcinogenicity Category 2, Reproductive Toxicity Category 1B, Hazardous to the Aquatic Environment Acute Hazard Category 3, Hazardous to the Aquatic Environment Long-Term Hazard Category 3

## Label elements

Hazard pictogram(s)	
Signal word	Danger

#### Hazard statement(s)

H351	Suspected of causing cancer.	
H360	May damage fertility or the unborn child.	
H412	Harmful to aquatic life with long lasting effects.	

## Hazard(s) not otherwise classified

Not Applicable

#### Precautionary statement(s) General

P101	If medical advice is needed, have product container or label at hand.
P102	Keep out of reach of children.
P103	Read label before use.

#### Precautionary statement(s) Prevention

P201	Do not handle until all safety precautions have been read and understood.
P280	Wear protective gloves/protective clothing/eye protection/face protection.

#### Precautionary statement(s) Response

## Precautionary statement(s) Storage

P405 Store locked up.

#### Precautionary statement(s) Disposal

P501

Dispose of contents/container to authorised hazardous or special waste collection point in accordance with any local regulation.

## **SECTION 3 Composition / information on ingredients**

#### Substances

See section below for composition of Mixtures

#### Mixtures

CAS No	%[weight]	Name
872-50-4	0.1-1	<u>N-methyl-2-pyrrolidone*</u>
13463-67-7	10-30	Titanium Dioxide Ti02

The specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

## **SECTION 4 First-aid measures**

#### Description of first aid measures

Eye Contact	<ul> <li>If this product comes in contact with eyes:</li> <li>Wash out immediately with water.</li> <li>If irritation continues, seek medical attention.</li> <li>Removal of contact lenses after an eye injury should only be undertaken by skilled personnel.</li> </ul>
Skin Contact	<ul> <li>If skin or hair contact occurs:</li> <li>Flush skin and hair with running water (and soap if available).</li> <li>Seek medical attention in event of irritation.</li> </ul>
Inhalation	<ul> <li>If fumes, aerosols or combustion products are inhaled remove from contaminated area.</li> <li>Other measures are usually unnecessary.</li> </ul>
Ingestion	<ul> <li>Immediately give a glass of water.</li> <li>First aid is not generally required. If in doubt, contact a Poisons Information Centre or a doctor.</li> </ul>

## Most important symptoms and effects, both acute and delayed

See Section 11

#### Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

## **SECTION 5 Fire-fighting measures**

#### **Extinguishing media**

- Foam.
- Dry chemical powder.

#### Special hazards arising from the substrate or mixture

Fire Incompatibility	None known.
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#### Special protective equipment and precautions for fire-fighters

Fire Fighting	<ul> <li>Alert Fire Brigade and tell them location and nature of hazard.</li> <li>Wear full body protective clothing with breathing apparatus.</li> </ul>
Fire/Explosion Hazard	<ul> <li>Combustible.</li> <li>Slight fire hazard when exposed to heat or flame.</li> <li>May emit poisonous fumes.</li> </ul>

## **SECTION 6 Accidental release measures**

## Personal precautions, protective equipment and emergency procedures

See section 8

#### **Environmental precautions**

See section 12

## Methods and material for containment and cleaning up

Minor Spills	<ul> <li>Remove all ignition sources.</li> <li>Clean up all spills immediately.</li> </ul>
Major Spills	Moderate hazard. <ul> <li>Clear area of personnel and move upwind.</li> </ul>

Personal Protective Equipment advice is contained in Section 8 of the SDS.

# **SECTION 7 Handling and storage**

## Precautions for safe handling

Safe handling	<ul> <li>Avoid all personal contact, including inhalation.</li> <li>Wear protective clothing when risk of exposure occurs.</li> </ul>
Other information	<ul> <li>Store in original containers.</li> <li>Keep containers securely sealed.</li> </ul>

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

Suitable container	<ul> <li>Metal can or drum</li> <li>Packaging as recommended by manufacturer.</li> <li>Check all containers are clearly labelled and free from leaks.</li> </ul>
Storage incompatibility	None known



X — Must not be stored together

0 — May be stored together with specific preventions

+ — May be stored together

Note: Depending on other risk factors, compatibility assessment based on the table above may not be relevant to storage situations, particularly where large volumes of dangerous goods are stored and handled. Reference should be made to the Safety Data Sheets for each substance or article and risks assessed accordingly.

## **SECTION 8 Exposure controls / personal protection**

#### **Control parameters**

Occupational Exposure Limits (OEL)	Occupational	Exposure	Limits	(OEL)
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## **INGREDIENT DATA**

Source	Ingredient	Material name	TWA	STEL	Peak	Notes
US OSHA Permissible Exposure Limits (PELs) Table Z-1	Titanium Dioxide Ti02	Titanium dioxide - Total dust	15 mg/m3	Not Available	Not Available	Not Available
US OSHA Permissible Exposure Limits (PELs) Table Z-3	Titanium Dioxide Ti02	Inert or Nuisance Dust: Total Dust	15 mg/m3 / 50 mppcf	Not Available	Not Available	Not Available
US OSHA Permissible Exposure Limits (PELs) Table Z-3	Titanium Dioxide Ti02	Inert or Nuisance Dust: Respirable fraction	5 mg/m3 / 15 mppcf	Not Available	Not Available	Not Available
US NIOSH Recommended	Titanium Dioxide Ti02	Titanium dioxide	Not Available	Not Available	Not Available	Ca; See Appendix A

Continued...

<b>້ອຊະບຣຍ</b> re Limits (RELs)	Ingredient Material name		e	TWA		STEL	Peak	Notes
Emergency Limits								
Ingredient	TEEL-1		TEEL-2			TEEL-3		
N-methyl-2-pyrrolidone*	30 ppm		32 ppm			190 ppm		
Titanium Dioxide Ti02	30 mg/m3		330 mg/m3			2,000 mg	g/m3	
Ingredient	Original IDLH				Revised	IDLH		
N-methyl-2-pyrrolidone*	Not Available				Not Available			
Titanium Dioxide Ti02	5,000 mg/m3				Not Availa	able		

## Occupational Exposure Banding

Ingredient	Occupational Exposure Band Rating	Occupational Exposure Band Limit
N-methyl-2-pyrrolidone*	E	≤ 0.1 ppm
Notes:	Occupational exposure banding is a process of assignin on a chemical's potency and the adverse health outcom process is an occupational exposure band (OEB), which that are expected to protect worker health.	es associated with exposure. The output of this

#### **Exposure controls**

Appropriate engineering controls	Engineering controls are used to remove a hazard or place a barrier between the worker and the hazard. Well- designed engineering controls can be highly effective in protecting workers and will typically be independent of worker interactions to provide this high level of protection.
Individual protection measures, such as personal protective equipment	
Eye and face protection	<ul> <li>Safety glasses with side shields</li> <li>Chemical goggles.</li> <li>Contact lenses may pose a special hazard; soft contact lenses may absorb and concentrate irritants.</li> </ul>
Skin protection	See Hand protection below
Hands/feet protection	The selection of suitable gloves does not only depend on the material, but also on further marks of quality which vary from manufacturer to manufacturer. Where the chemical is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.  • Wear chemical protective gloves, e.g. PVC.  • Wear safety footwear or safety gumboots, e.g. Rubber
Body protection	See Other protection below
Other protection	<ul> <li>P.V.C apron.</li> </ul>

## **Respiratory protection**

Type A-P Filter of sufficient capacity. (AS/NZS 1716 & 1715, EN 143:2000 & 149:2001, ANSI Z88 or national equivalent)

## **SECTION 9** Physical and chemical properties

## Information on basic physical and chemical properties

Appearance	Not A

Not Available

Physical state	Liquid	Relative density (Water = 1)	9.95
Odour	Not Available	Partition coefficient n- octanol / water	Not Available
Odour threshold	Not Available	Auto-ignition temperature (°C)	Not Available
pH (as supplied)	Not Available	Decomposition temperature (°C)	Not Available
Melting point / freezing point (°C)	Not Available	Viscosity (cSt)	Not Available
Initial boiling point and boiling range (°C)	Not Available	Molecular weight (g/mol)	Not Available
Flash point (°C)	>100	Taste	Not Available
Evaporation rate	Not Available	Explosive properties	Not Available
Flammability	Not Applicable	Oxidising properties	Not Available
Upper Explosive Limit (%)	Not Available	Surface Tension (dyn/cm or mN/m)	Not Available
Lower Explosive Limit (%)	Not Available	Volatile Component (%vol)	Not Available
Vapour pressure (kPa)	Not Available	Gas group	Not Available
Solubility in water	Immiscible	pH as a solution (1%)	Not Available
Vapour density (Air = 1)	Not Available	VOC g/L	55
Heat of Combustion (kJ/g)	Not Available	Ignition Distance (cm)	Not Available
Flame Height (cm)	Not Available	Flame Duration (s)	Not Available
Enclosed Space Ignition Time Equivalent (s/m3)	Not Available	Enclosed Space Ignition Deflagration Density (g/m3)	Not Available

# **SECTION 10 Stability and reactivity**

Reactivity	See section 7
Chemical stability	<ul> <li>Unstable in the presence of incompatible materials.</li> <li>Product is considered stable.</li> </ul>
Possibility of hazardous reactions	See section 7
Conditions to avoid	See section 7
Incompatible materials	See section 7
Hazardous decomposition products	See section 5

# **SECTION 11 Toxicological information**

Information on toxicological effects

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Inhaled	The material is not thought to produce adverse health effects or irritation of the respiratory tract (as classified by EC Directives using animal models). Nevertheless, good hygiene practice requires that exposure be kept to a minimum and that suitable control measures be used in an occupational setting.			
Ingestion	The material has <b>NOT</b> been classified by EC Directives or other classification systems as 'harmful by ingestion'. This is because of the lack of corroborating animal or human evidence.			
Skin Contact	The material is not thought to produce adverse health effects or skin irritation following contact (as classified by EC Directives using animal models). Nevertheless, good hygiene practice requires that exposure be kept to a minimum and that suitable gloves be used in an occupational setting. Open cuts, abraded or irritated skin should not be exposed to this material Entry into the blood-stream, through, for example, cuts, abrasions or lesions, may produce systemic injury with harmful effects. Examine the skin prior to the use of the material and ensure that any external damage is suitably protected.			
Eye	Although the liquid is not thought to be an irritant (as classified by EC Directives), direct contact with the eye may produce transient discomfort characterised by tearing or conjunctival redness (as with windburn).			
Chronic	Repeated or long-term occupational exposure is likely to produce cumulative health effects involving organs or biochemical systems. There has been concern that this material can cause cancer or mutations, but there is not enough data to make an assessment. Ample evidence exists from experimentation that reduced human fertility is directly caused by exposure to the material.			
	ΤΟΧΙCΙΤΥ	IRRITATION		
Cem-Seal Delta Fog	Not Available	Not Available		
	ΤΟΧΙCITY	IRRITATION		
	Dermal (rabbit) LD50: 8000 mg/kg <sup>[2]</sup>	Eye (Human): 530ppm/30M - Mild		
N-methyl-2-	Oral (Rat) LD50: 3914 mg/kg <sup>[2]</sup>	Eye (Rodent - rabbit): 0.1mL		
pyrrolidone*	Oral (Rat) LD50: 4200 mg/kg* <sup>[2]</sup>	Eye (Rodent - rabbit): 100mg - Moderate		
		Eye: adverse effect observed (irritating) <sup>[1]</sup>		
		Skin: adverse effect observed (irritating) <sup>[1]</sup>		
	ΤΟΧΙCITY	IRRITATION		
	dermal (hamster) LD50: >=10000 mg/kg <sup>[2]</sup>	Eye: no adverse effect observed (not irritating) <sup>[1]</sup>		
Titanium Dioxide Ti02	Inhalation (Rat) LC50: >2.28 mg/l4h <sup>[1]</sup>	Skin (Human): 300ug/3D (intermittent) - Mild		
	Oral (Rat) LD50: >=2000 mg/kg <sup>[1]</sup>	Skin: no adverse effect observed (not irritating) <sup>[1]</sup>		
Legend:	1. Value obtained from Europe ECHA Registere	d Outpeterrene Andre terrinite O. Malue at terrined form		

N-methyl-2-	Asthma-like symptoms may continue for months or even years after exposure to the material ends. This may
pyrrolidone*	be due to a non-allergic condition known as reactive airways dysfunction syndrome (RADS) which can occur
	after exposure to high levels of highly irritating compound.
	For N-methyl-2-pyrrolidone (NMP):
	Acute toxicity: Animal testing shows NMP is quickly absorbed after inhalation, swallowing and administration
	on skin, distributed throughout the body, and eliminated mostly by hydroxylation to polar compounds, which
	are excreted in the urine. In animal testing NMP has a low potential for skin irritation and a moderate potential
	for eye irritation.

	A substance (or part of a group of chemical substances) of very high concern (SVHC) - or product containing an SVHC:				
	It is proposed that use within the European Union be subject to authorisation under the REACH				
	Regulation.Indeed, listing of a substance as an SVHC by the European Chemicals Agency (ECHA) is the first				
	step in the procedure for authorisation of	or restriction of use of a chem	nical.		
	The criteria are given in article 57 of the	REACH Regulation. A subs	ance may be proposed as an SVHC if it		
	meets one or more of the following crite	ria:			
	<ul> <li>it is carcinogenic *;</li> </ul>				
	it is mutagenic *;				
	it is toxic for reproduction *;				
	it is persistent, bioaccumulative and	toxic (PBT substances);			
	<ul> <li>it is very persistent and very bioaccu</li> </ul>	mulative (vPvB substances);			
	there is 'scientific evidence of probable serious effects to human health or the environment which give rise				
	to an equivalent level of concern'; su	to an equivalent level of concern'; such substances are identified on a case-by-case basis.			
Acute Toxicity	×	Carcinogenicity	*		
Skin Irritation/Corrosion	×	Reproductivity	*		
Serious Eye		STOT - Single			
Damage/Irritation	×	Exposure	×		
Respiratory or Skin	<b>.</b>	STOT - Repeated	<b>u</b>		
sensitisation	×	Exposure	×		
Mutagenicity	× Aspiration Hazard ×				
		< − Data either not available < − Data available to make of the second seco	or does not fill the criteria for classification lassification		

# **SECTION 12 Ecological information**

#### Toxicity

	Endpoint	Test Duration (hr)	) (	Species	Value	5	Source
Cem-Seal Delta Fog	Not Available	Not Available Not Available		Not Available Not Avai		ailable Not Available	
	Endpoint	Test Duration (hr)	Specie	es		Value	Source
	EC50	72h	Algae or other aquatic plants		>500mg/l	1	
N-methyl-2- pyrrolidone*	EC50	48h	Crusta	Crustacea		ca.4897m	ıg/l 1
pyrrolidolic	NOEC(ECx)	504h	Crusta	Crustacea		12.5mg/l	2
	LC50	96h	Fish			464mg/l	1
	Endpoint	Test Duration (hr)	Specie	S		Value	Source
Titanium Dioxide Ti02	BCF	1008h	Fish		<1.1-9.6	7	
	EC50	72h	Algae o	Algae or other aquatic plants		3.75-7.58m	ng/l 4
	EC50	48h	Crustacea		1.9mg/l	2	
	LC50	96h	Fish		1.85-3.06m	ng/l 4	
	NOEC(ECx)	672h	Fish		>=0.004mg	J/L 2	
	EC50	96h	Algae o	or other aquatic	plants	179.05mg/	2
Legend:	- Aquatic Toxicit	1. IUCLID Toxicity Data 2 y  4. US EPA, Ecotox da ta 6. NITE (Japan) - Biod	atabase - A	quatic Toxicity L	Data 5. ECE	TOC Aquatic I	Hazard

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Do NOT allow product to come in contact with surface waters or to intertidal areas below the mean high water mark. Do not contaminate water when cleaning equipment or disposing of equipment wash-waters. **DO NOT** discharge into sewer or waterways.

#### Persistence and degradability

Ingredient	Persistence: Water/Soil	Persistence: Air
N-methyl-2-pyrrolidone*	LOW	LOW
Titanium Dioxide Ti02	HIGH	HIGH

#### **Bioaccumulative potential**

Ingredient	Bioaccumulation
N-methyl-2-pyrrolidone*	LOW (BCF = 0.16)
Titanium Dioxide Ti02	LOW (BCF = 10)

#### Mobility in soil

Ingredient	Mobility
N-methyl-2-pyrrolidone*	LOW (Log KOC = 20.94)
Titanium Dioxide Ti02	LOW (Log KOC = 23.74)

## **SECTION 13 Disposal considerations**

#### Waste treatment methods

	Containers may still present a chemical hazard/ danger when empty.
	Return to supplier for reuse/ recycling if possible.
	Legislation addressing waste disposal requirements may differ by country, state and/ or territory. Each user
Product / Packaging	must refer to laws operating in their area.
disposal	• <b>DO NOT</b> allow wash water from cleaning or process equipment to enter drains.
	It may be necessary to collect all wash water for treatment before disposal.
	Recycle wherever possible or consult manufacturer for recycling options.
	<ul> <li>Consult State Land Waste Management Authority for disposal.</li> </ul>

## **SECTION 14 Transport information**

# Labels Required Marine Pollutant NO

Land transport (DOT): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS

Air transport (ICAO-IATA / DGR): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS

## Sea transport (IMDG-Code / GGVSee): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS

# 14.7.1. Transport in bulk according to Annex II of MARPOL and the IBC code

Not Applicable

#### 14.7.2. Transport in bulk in accordance with MARPOL Annex V and the IMSBC Code

Product name	Group
N-methyl-2-pyrrolidone*	Not Available
Titanium Dioxide Ti02	Not Available

#### 14.7.3. Transport in bulk in accordance with the IGC Code

Product name	Ship Type
N-methyl-2-pyrrolidone*	Not Available
Titanium Dioxide Ti02	Not Available

#### **SECTION 15 Regulatory information**

#### Safety, health and environmental regulations / legislation specific for the substance or mixture

#### N-methyl-2-pyrrolidone\* is found on the following regulatory lists

Chemical Footprint Project - Chemicals of High Concern List

- US California Proposition 65 Maximum Allowable Dose Levels (MADLs) for Chemicals Causing Reproductive Toxicity
- US California Proposition 65 Reproductive Toxicity
- US California Safe Drinking Water and Toxic Enforcement Act of 1986 Proposition 65 List
- US Massachusetts Right To Know Listed Chemicals
- US New Jersey Right to Know Hazardous Substances
- US Pennsylvania Hazardous Substance List
- US AIHA Workplace Environmental Exposure Levels (WEELs)
- US DOE Temporary Emergency Exposure Limits (TEELs)
- US EPCRA Section 313 Chemical List
- US Toxic Substances Control Act (TSCA) Chemical Substance Inventory
- US Toxicology Excellence for Risk Assessment (TERA) Workplace Environmental Exposure Levels (WEEL)
- US TSCA Section 4/12 (b) Sunset Dates/Status

#### Titanium Dioxide Ti02 is found on the following regulatory lists

Chemical Footprint Project - Chemicals of High Concern List

International Agency for Research on Cancer (IARC) - Agents Classified by the IARC Monographs

International Agency for Research on Cancer (IARC) - Agents Classified by the IARC Monographs - Group 2B: Possibly carcinogenic to humans

International WHO List of Proposed Occupational Exposure Limit (OEL) Values for Manufactured Nanomaterials (MNMS)

- US Alaska Air Quality Control Concentrations Triggering an Air Quality Episode for Air Pollutants Other Than PM-2.5
- US California Proposition 65 Carcinogens
- US California Safe Drinking Water and Toxic Enforcement Act of 1986 Proposition 65 List
- US Massachusetts Right To Know Listed Chemicals
- US New Jersey Right to Know Hazardous Substances
- US Pennsylvania Hazardous Substance List
- US DOE Temporary Emergency Exposure Limits (TEELs)
- US New York City Community Right-to-Know: List of Hazardous Substances
- US NIOSH Carcinogen List
- US NIOSH Recommended Exposure Limits (RELs)
- US OSHA Permissible Exposure Limits (PELs) Table Z-1
- US OSHA Permissible Exposure Limits (PELs) Table Z-1 (Spanish)
- US OSHA Permissible Exposure Limits (PELs) Table Z-3
- US OSHA Permissible Exposure Limits (PELs) Table Z-3 (Spanish)
- US Toxic Substances Control Act (TSCA) Chemical Substance Inventory

#### **Additional Regulatory Information**

Not Applicable

#### **Federal Regulations**

#### Superfund Amendments and Reauthorization Act of 1986 (SARA)

Section 311/312 hazard categories

Flammable (Gases, Aerosols, Liquids, or Solids)	No
Gas under pressure	No
Explosive	No
Self-heating	No
Pyrophoric (Liquid or Solid)	No
Pyrophoric Gas	No
Corrosive to metal	No
Oxidizer (Liquid, Solid or Gas)	No
Organic Peroxide	No
Self-reactive	No
In contact with water emits flammable gas	No
Combustible Dust	No
Carcinogenicity	Yes
Acute toxicity (any route of exposure)	No
Reproductive toxicity	Yes
Skin Corrosion or Irritation	No
Respiratory or Skin Sensitization	No
Serious eye damage or eye irritation	No
Specific target organ toxicity (single or repeated exposure)	No
Aspiration Hazard	No
Germ cell mutagenicity	No
Simple Asphyxiant	No
Hazards Not Otherwise Classified	No

## US. EPA CERCLA Hazardous Substances and Reportable Quantities (40 CFR 302.4)

None Reported

#### US. EPCRA Section 313 Toxic Release Inventory (TRI) (40 CFR 372)

This product contains the following EPCRA section 313 chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know-Act of 1986 (40 CFR 372):

CAS No	%[weight]	Name		
872-50-4	0.1-1	N-methyl-2-pyrrolidone*		
This information must be included in all SDSs that are copied and distributed for this material.				

## Additional Federal Regulatory Information

Not Applicable

#### **State Regulations**

#### US. California Proposition 65

WARNING: This product can expose you to chemicals including Titanium Dioxide Ti02, which is known to the State of California to cause cancer, and N-methyl-2-pyrrolidone\*, 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

#### **Additional State Regulatory Information**

Not Applicable

#### **National Inventory Status**

National Inventory	Status	
Australia - AIIC / Australia Non-Industrial Use	Yes	
Canada - DSL	Yes	
Canada - NDSL	No (N-methyl-2-pyrrolidone*; Titanium Dioxide Ti02)	
China - IECSC	Yes	
Europe - EINEC / ELINCS / NLP	Yes	
Japan - ENCS	Yes	
Korea - KECI	Yes	
New Zealand - NZIoC	Yes	
Philippines - PICCS	Yes	
USA - TSCA	All chemical substances in this product have been designated as TSCA Inventory 'Active'	
Taiwan - TCSI	Yes	
Mexico - INSQ	Yes	
Vietnam - NCI	Yes	
Russia - FBEPH	Yes	
Legend:	Yes = All CAS declared ingredients are on the inventory No = One or more of the CAS listed ingredients are not on the inventory. These ingredients may be exempt or will require registration.	

## **SECTION 16 Other information**

Revision Date	11/07/2024
Initial Date	02/16/2021

#### CONTACT POINT

\*\*PLEASE NOTE THAT TITANIUM DIOXIDE IS NOT PRESENT IN CLEAR OR NEUTRAL BASES\*\*

#### **SDS Version Summary**

Version	Date of Update	Sections Updated
5.7	11/07/2024	Toxicological information - Acute Health (inhaled), First Aid measures - Advice to Doctor, Physical and chemical properties - Appearance, Toxicological information - Chronic Health, Hazards identification - Classification, Disposal considerations - Disposal, Ecological Information - Environmental, Firefighting measures - Fire Fighter (extinguishing media), Firefighting measures - Fire Fighter (fire/explosion hazard), Firefighting measures - Fire Fighter (fire incompatibility), First Aid measures - First Aid (swallowed), Composition / information on ingredients - Ingredients, Exposure controls / personal protection - Personal Protection (Respirator), Exposure controls / personal protection - Personal Protection (hands/feet), Accidental release measures - Spills (major), Handling and storage - Storage (storage incompatibility)

#### Other information

Classification of the preparation and its individual components has drawn on official and authoritative sources as well as independent review by the Chemwatch Classification committee using available literature references.

The SDS is a Hazard Communication tool and should be used to assist in the Risk Assessment. Many factors determine whether the reported Hazards are Risks in the workplace or other settings.

#### **Definitions and abbreviations**

- PC TWA: Permissible Concentration-Time Weighted Average
- + PC STEL: Permissible Concentration-Short Term Exposure Limit
- IARC: International Agency for Research on Cancer
- · ACGIH: American Conference of Governmental Industrial Hygienists
- STEL: Short Term Exposure Limit
- TEEL: Temporary Emergency Exposure Limit。
- IDLH: Immediately Dangerous to Life or Health Concentrations
- ES: Exposure Standard
- OSF: Odour Safety Factor
- NOAEL: No Observed Adverse Effect Level
- LOAEL: Lowest Observed Adverse Effect Level
- TLV: Threshold Limit Value
- LOD: Limit Of Detection
- OTV: Odour Threshold Value
- BCF: BioConcentration Factors
- BEI: Biological Exposure Index
- DNEL: Derived No-Effect Level
- PNEC: Predicted no-effect concentration
- AIIC: Australian Inventory of Industrial Chemicals
- DSL: Domestic Substances List
- NDSL: Non-Domestic Substances List
- IECSC: Inventory of Existing Chemical Substance in China
- EINECS: European INventory of Existing Commercial chemical Substances
- ELINCS: European List of Notified Chemical Substances
- NLP: No-Longer Polymers
- ENCS: Existing and New Chemical Substances Inventory
- KECI: Korea Existing Chemicals Inventory
- NZIoC: New Zealand Inventory of Chemicals
- PICCS: Philippine Inventory of Chemicals and Chemical Substances
- TSCA: Toxic Substances Control Act
- TCSI: Taiwan Chemical Substance Inventory
- INSQ: Inventario Nacional de Sustancias Químicas
- NCI: National Chemical Inventory
- FBEPH: Russian Register of Potentially Hazardous Chemical and Biological Substances

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