

Syn-Tech Ltd.

Version No: 1.1 Safety Data Sheet according to OSHA HazCom Standard (2012) requirements

SECTION 1 Identification

Product Identifier

Product name	NS-2679-G
Synonyms	Not Available
Other means of identification	Not Available

Recommended use of the chemical and restrictions on use

Relevant identified uses Lubricant

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

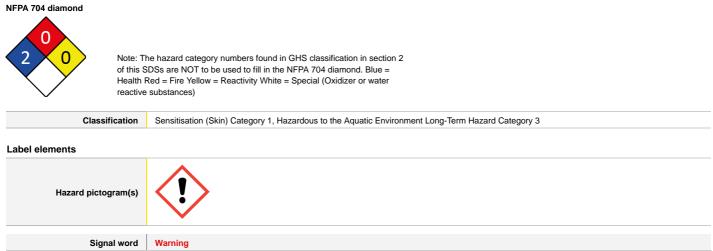
Registered company name	Syn-Tech Ltd.	Syn-Tech Ltd.
Address	1550 W Fullerton Ave, Unit F Illinois 60101 United States	1550 W. Fullerton Ave Illinois United States
Telephone	630-628-7290	630-628-7290
Fax	Not Available	Not Available
Website	www.syn-techlube.com	www.syn-techlube.com
Email	msds@syn-techlube.com	msds@syn-techlube.com

Emergency phone number

0 1		
Association / Organisation	Not Available	
Emergency telephone numbers	Not Available	
Other emergency telephone numbers	Not Available	

SECTION 2 Hazard(s) identification

Classification of the substance or mixture



Chemwatch Hazard Alert Code: 2

Issue Date: 08/10/2022

Print Date: 08/10/2022 S.GHS.USA.EN

H317	May cause an allergic skin reaction.
H412	Harmful to aquatic life with long lasting effects.

Hazard(s) not otherwise classified

Not Applicable

Precautionary statement(s) Prevention

P280	Wear protective gloves and protective clothing.	
P261	Avoid breathing dust/fumes.	
P273	Avoid release to the environment.	
P272	Contaminated work clothing must not be allowed out of the workplace.	

Precautionary statement(s) Response

P302+P352	IF ON SKIN: Wash with plenty of water and soap.	
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.	
P362+P364	Take off contaminated clothing and wash it before reuse.	

Precautionary statement(s) Storage

Not Applicable

Precautionary statement(s) Disposal

P501	Dispose of contents/container to authorised hazardous or special waste collection point in accordance with any local regulation.
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Not Applicable

SECTION 3 Composition / information on ingredients

Substances

See section below for composition of Mixtures

Mixtures

CAS No	%[weight]	Name
128-37-0	0.68	2,6-di-tert-butyl-4-methylphenol
94270-86-7	0.34	N-alkylated benzotriazole

SECTION 4 First-aid measures

Description of first aid measures

Eye Contact	► Generally not applicable.
Skin Contact	If skin contact occurs: Immediately remove all contaminated clothing, including footwear. Flush skin and hair with running water (and soap if available). Seek medical attention in event of irritation. Generally not applicable.
Inhalation	► Generally not applicable.
Ingestion	► Generally not applicable.

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

- There is no restriction on the type of extinguisher which may be used.
- Use extinguishing media suitable for surrounding area.

Special hazards arising from the substrate or mixture

Fire Incompatibility

None known.

Special protective equipment and precautions for fire-fighters

Fire Fighting	

- Alert Fire Brigade and tell them location and nature of hazard.
 Wear breathing apparatus plus protective gloves in the event of a fire.

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	 Prevent, by any means available, spillage from entering drains or water courses. Use fire fighting procedures suitable for surrounding area. DO NOT approach containers suspected to be hot. Cool fire exposed containers with water spray from a protected location. If safe to do so, remove containers from path of fire. Equipment should be thoroughly decontaminated after use. Slight hazard when exposed to heat, flame and oxidisers.
Fire/Explosion Hazard	May emit corrosive fumes. Articles and manufactured articles may constitute a fire hazard where polymers form their outer layers or where combustible packaging remains in place. Certain substances, found throughout their construction, may degrade or become volatile when heated to high temperatures. This may create a secondary hazard.

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	 Clean up all spills immediately. Secure load if safe to do so. Bundle/collect recoverable product. Collect remaining material in containers with covers for disposal.
Major Spills	 Minor hazard. Clear area of personnel. Alert Fire Brigade and tell them location and nature of hazard. Wear physical protective gloves e.g. Leather. Contain spill/secure load if safe to do so. Bundle/collect recoverable product and label for recycling. Collect remaining product and place in appropriate containers for disposal. Clean up/sweep up area. Water may be required.

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

SECTION 7 Handling and storage

 b D0 NOT enter confined spaces until atmosphere has been checked. b D0 NOT allow material to contact humans, exposed food or food utensils. Avoid contact with incompatible materials. When handling, D0 NOT eat, drink or smoke. Keep containers securely sealed when not in use. Avoid physical damage to containers. Always wash hands with soap and water after handling. Work clothes should be laundered separately. Launder contaminated clothing before re-use. Use good occupational work practice. Observe manufacturer's storage and handling recommendations contained within this SDS. Atmosphere should be regularly checked against established exposure standards to ensure safe working conditions are maintained.

Conditions for safe storage, including any incompatibilities

Suitable container	Generally packaging as originally supplied with the article or manufactured item is sufficient to protect against physical hazards. If repackaging is required ensure the article is intact and does not show signs of wear. As far as is practicably possible, reuse the original packaging or something providing a similar level of protection to both the article and the handler.
Storage incompatibility	 Formaldehyde: is a strong reducing agent may polymerise in air unless properly inhibited (usually with methanol up to 15%) and stored at controlled temperatures will polymerize with active organic material such as phenol reacts violently with strong oxidisers, hydrogen peroxide, potassium permanganate, acrylonitrile, caustics (sodium hydroxide, yielding formic acid and flammable hydrogen), magnesium carbonate, nitromethane, nitrogen oxides (especially a elevated temperatures), peroxyformic acid is incompatible with strong acids (hydrochloric acid forms carcinogenic bis(chloromethyl)ether*), amines, ammonia, aniline, bisulfides, gelatin, iodine, magnesite, phenol, some monomers, tannins, salts of copper, iron, silver. acid catalysis can produce impurities: methylal, methyl formate Aqueous solutions of formaldehyde: slowly oxidise in air to produce formic acid attack carbon steel

Concentrated solutions containing formaldehyde are:

- unstable, both oxidising slowly to form formic acid and polymerising; in dilute aqueous solutions formaldehyde appears as monomeric hydrate (methylene glycol) the more concentrated the solution the more polyoxymethylene glycol occurs as oligomers and polymers (methanol and amine-containing compounds inhibit polymer formation)
- readily subject to polymerisation, at room temperature, in the presence of air and moisture, to form paraformaldehyde (8-100 units of formaldehyde), a solid mixture of linear polyoxymethylene glycols containing 90-99% formaldehyde; a cyclic trimer, trioxane (CH2O3), may also form

Flammable and/or toxic gases are generated by the combination of aldehydes with azo, diazo compounds, dithiocarbamates, nitrides, and

strong reducing agents *The empirical equation may be used to determine the concentration of bis(chloromethyl)ether (BCME) formed by reaction with HCl: log(BCME)ppb = -2.25 + 0.67• log(HCHO) ppm + 0.77• log(HCl)ppm

Assume values for formaldehyde, in air, of 1 ppm and for HCl of 5 ppm, resulting BCME concentration, in air, would be 0.02 ppb. None known

SECTION 8 Exposure controls / personal protection

Control parameters

Occupational Exposure Limits (OEL)

INGREDIENT DATA

Source	Ingredient	Material name	TWA	STEL	Peak	Notes
US OSHA Permissible Exposure	2,6-di-tert-butyl-	Inert or Nuisance Dust: Total Dust	15 mg/m3 / 50	Not	Not	Not
Limits (PELs) Table Z-3	4-methylphenol		mppcf	Available	Available	Available
US OSHA Permissible Exposure	2,6-di-tert-butyl-	Inert or Nuisance Dust: Respirable fraction	5 mg/m3 / 15	Not	Not	Not
Limits (PELs) Table Z-3	4-methylphenol		mppcf	Available	Available	Available
US OSHA Permissible Exposure	2,6-di-tert-butyl-	Particulates Not Otherwise Regulated (PNOR)-	5 mg/m3	Not	Not	Not
Limits (PELs) Table Z-1	4-methylphenol	Respirable fraction		Available	Available	Available
US OSHA Permissible Exposure	2,6-di-tert-butyl-	Particulates Not Otherwise Regulated (PNOR)-	15 mg/m3	Not	Not	Not
Limits (PELs) Table Z-1	4-methylphenol	Total dust		Available	Available	Available
US NIOSH Recommended Exposure Limits (RELs)	2,6-di-tert-butyl- 4-methylphenol	2,6-Di-tert-butyl-p-cresol	10 mg/m3	Not Available	Not Available	Not Available

Emergency Limits

Ingredient	TEEL-1	TEEL-2		TEEL-3
NS-2679-G	Not Available	Not Available		Not Available
Ingredient	Original IDLH		Revised IDLH	
2,6-di-tert-butyl-4-methylphenol	Not Available		Not Available	
N-alkylated benzotriazole	Not Available		Not Available	

Occupational Exposure Banding

Ingredient	Occupational Exposure Band Rating	Occupational Exposure Band Limit	
N-alkylated benzotriazole	E	≤ 0.1 ppm	
Notes:	Occupational exposure banding is a process of assigning chemicals into specific categories or bands based on a chemical's potency and the adverse health outcomes associated with exposure. The output of this process is an occupational exposure band (OEB), which corresponds to a range of exposure concentrations that are expected to protect worker health.		

Exposure controls

Appropriate engineering controls	Articles or manufactured items, in their original condition, generally don't require engineering controls during handling or in normal use. Exceptions may arise following extensive use and subsequent wear, during recycling or disposal operations where substances, found in the article, may be released to the environment.
Personal protection	
Eye and face protection	 Safety glasses. Safety glasses with side shields. Chemical goggles. Contact lenses may pose a special hazard; soft contact lenses may absorb and concentrate irritants. A written policy document, describing the wearing of lenses or restrictions on use, should be created for each workplace or task. This should include a review of lens absorption and adsorption for the class of chemicals in use and an account of injury experience. Medical and first-aid personnel should be trained in their removal and suitable equipment should be readily available. In the event of chemical exposure, begin eye irrigation immediately and remove contact lens as soon as practicable. Lens should be removed at the first signs of eye redness or irritation - lens should be removed in a clean environment only after workers have washed hands thoroughly. [CDC NIOSH Current Intelligence Bulletin 59], [AS/NZS 1336 or national equivalent]
Skin protection	See Hand protection below
Hands/feet protection	 Wear general protective gloves, eg. light weight rubber gloves. NOTE: The material may produce skin sensitisation in predisposed individuals. Care must be taken, when removing gloves and other protective equipment, to avoid all possible skin contact. Contaminated leather items, such as shoes, belts and watch-bands should be removed and destroyed.
Body protection	See Other protection below

Other protection	Overalls. P.V.C apron. Barrier cream. Skin cleansing cream. Eye wash unit.
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Respiratory protection

Respiratory protection not normally required due to the physical form of the product.

SECTION 9 Physical and chemical properties

Information on basic physical and chemical properties

Appearance	whitish cream grease, slight odor		
Physical state	Manufactured	Relative density (Water = 1)	Not Available
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)	Not Available	Taste	Not Available
Evaporation rate	Not Available	Explosive properties	Not Available
Flammability	Not Available	Oxidising properties	Not Available
Upper Explosive Limit (%)	Not Available	Surface Tension (dyn/cm or mN/m)	Not Applicable
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 (Not Available%)	Not Available
Vapour density (Air = 1)	Not Available	VOC g/L	Not Available

SECTION 10 Stability and reactivity

Reactivity	See section 7
Chemical stability	Product is considered stable and hazardous polymerisation will not occur.
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

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 NOT 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.
Eye	Although the material 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).

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Chronic	Skin contact with the material is more likely to cause a sensitisation reaction in some persons compared to the general population.		
	ΤΟΧΙΟΙΤΥ	IRRITATION	
NS-2679-G	Not Available	Not Available	
		1	
	ΤΟΧΙΟΙΤΥ	IRRITATION	
	dermal (rat) LD50: >2000 mg/kg ^[1]	Eye (rabbit): 100 mg/24h-moderate	
2,6-di-tert-butyl-	Oral (Rat) LD50; 890 mg/kg ^[2]	Eye: no adverse effect observed (not irritating) ^[1]	
4-methylphenol		Skin (human): 500 mg/48h - mild	
		Skin (rabbit):500 mg/48h-moderate	
		Skin: no adverse effect observed (not irritating) ^[1]	
	ΤΟΧΙΟΙΤΥ	IRRITATION	
N-alkylated benzotriazole	dermal (rat) LD50: >2000 mg/kg ^[2]	Not Available	
	Oral (Rat) LD50; 3300 mg/kg ^[2]		
Legend:	1. Value obtained from Europe ECHA Registered Substances - Acute toxicity 2.* Value obtained from manufacturer's SDS. Unless otherwise specified data extracted from RTECS - Register of Toxic Effect of chemical Substances		
2,6-DI-TERT-BUTYL- 4-METHYLPHENOL			

X STOT - Single Exposure X ✓ STOT - Repeated Exposure X	
X Reproductivity X	
Carcinogenicity X	
The following information refers to contact allergens as a group and may not be specific to this product. Contact allergies quickly manifest themselves as contact eczema, more rarely as urticaria or Quincke's oedema. The pathogenesis of contact eczema involves a cell-mediated (T lymphocytes) immune reaction of the delayed type. Other allergic skin reactions, e.g. contact urticaria, involve antibody-mediated immune reactions. The significance of the contact allergen is not simply determined by its sensitisation potential: the distribution of the substance and the opportunities for contact with it are equally important. A weakly sensitising substance which is widely distributed can be a more important allergen than one with stronger sensitising potential with which few individuals come into contact. From a clinical point of view, substances are noteworthy if they produce an allergic test reaction in more than 1% of the persons tested.	
been identified. However, their nature and concentration depend on the environmental conditions and on the animal species. Alth changes undergone by BHT down in how consistion processes have not been studied, after submission of a fluid deep-rhying fat t and BHT-OM to an in witre gastrointestinal digestion model, both these were detected in the digested samples. These results indi- and its toxic metabolite could remain bioaccessible for intestinal absorption. Studies concering BHT metabolism have shown the synthetic antioxidants, BHT is a potent inducer of the microsomal monoxygenase system and its major route of digradion is to catalyzed by cytochrome P450. Studies have reported potential toxicity derived from the ingestion or administration of BHT. As for toxicity, although this is considered low in animals, it must be noted that 2 clinical cases were reported in patients who suffered a neurotoxicity revealed parental toxicity at 500 mg/kg bw (clinical signs, neduced body weight gains with flower food consumption, s thymus organ weight, and microsopoic findings in the thymus and spleen). The NOAEL was considered to be 43 mg/k body weigh Genetic toxicity. The test compacity: A combined repeated dose toxicity study with the reproduction/developmental toxicity (genetic toxicity). The test compacity for the deficts in mammalian cells. "I REACh Dossier For benzitianzoles There are several indications that the effects of phenolic benzotriazoles described in the literature might be caused by endocine i reduced concentrations of testisterone, higher concentrations of testisterone higher concentrations of testisterone higher concentrations of testisterone to deves effects of an equivalent level of conce Several benzotrizzole UV stabilisers showed significant human any hydrocarbon receptor (AHK) ligand activity. The AHK has roles there are also indications to toxic effects on the liver reported, the effects might actually be only secondary effects there are also indications tor toxis effects on the liver reported, the	ntaining BH te that BHT unlike other dation acute oral te pes. severi creening tes phtly reduce t per day ral analogue sruption, e.g. pD-activity). A With the n regulating tential to e known for AhR, Ided formatia amount mice and ra ues were erm studies were observe o effects on dose-related m uidl not be ficantly in iolar as not lences varie in the 537 and zed oxic in the zotriazole w or relative live a la test a counts, s (NOAELS), reproductive m (S9) or in

SECTION 12 Ecological information

t Available Not Available 220-2800 te or other aquatic plants >0.42mg/l te or other aquatic plants >0.42mg/l stacea >0.17mg/l stacea >=0.31mg/l	Source 7 1 2 1 Not
220-2800 te or other aquatic plants >0.42mg/l te or other aquatic plants >0.42mg/l stacea >0.17mg/l stacea >=0.31mg/l	7 1 1 2 1 Not
e or other aquatic plants >0.42mg/l e or other aquatic plants >0.42mg/l stacea >0.17mg/l stacea >=0.31mg/l	1 1 2 1 Not
e or other aquatic plants >0.42mg/l stacea >0.17mg/l stacea >=0.31mg/	1 2 1 Not
stacea >0.17mg/l stacea >=0.31mg/	2 1 Not
stacea >=0.31mg	1 Not
	Not
>0.5mg/l	Available
e or other aquatic plants 0.758mg/l	2
pecies Value	Source
rustacea 1.4mg	Not Available
ish 1.3mg	Not Available
i	rustacea 1.4mg/l

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.

Wastes resulting from use of the product must be disposed of on site or at approved waste sites.

Persistence and degradability

Ingredient	Persistence: Water/Soil	Persistence: Air
2,6-di-tert-butyl-4-methylphenol	HIGH	HIGH
2,6-di-tert-butyl-4-methylphenol	HIGH	HIGH

Bioaccumulative potential

Ingredient	Bioaccumulation
2,6-di-tert-butyl-4-methylphenol	HIGH (BCF = 2500)

Mobility in soil

Ingredient	Mobility
2,6-di-tert-butyl-4-methylphenol	LOW (KOC = 23030)

SECTION 13 Disposal considerations

Waste treatment methods

Product / Packaging disposal	 Recycle wherever possible or consult manufacturer for recycling options. Consult State Land Waste Management Authority for disposal.
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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

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

Not Applicable

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

Product name	Group
2,6-di-tert-butyl-4-methylphenol	Not Available
N-alkylated benzotriazole	Not Available

Transport in bulk in accordance with the ICG Code

Product name

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Product name	Ship Type		
2,6-di-tert-butyl-4-methylphenol	Not Available		
N-alkylated benzotriazole	Not Available		
ECTION 15 Regulatory inf	ormation		
afety, health and environmer	ntal regulations / legislation specific for the sul	bstance or mixture	
2,6-di-tert-butyl-4-methylphenol	is found on the following regulatory lists		
International Agency for Research	on Cancer (IARC) - Agents Classified by the IARC	US OSHA Permissible Exposure Limits (PELs) Table Z-1	
Monographs	d Occupational Exposure Limit (OEL) Values for	US OSHA Permissible Exposure Limits (PELs) Table Z-3	
Manufactured Nanomaterials (MNI		US Toxic Substances Control Act (TSCA) - Chemical Substance Inve US TSCA Chemical Substance Inventory - Interim List of Active Subs	-
US - Alaska Air Quality Control - C Air Pollutants Other Than PM-2.5	concentrations Triggering an Air Quality Episode for		Adriood
US - Massachusetts - Right To Kno			
US NIOSH Recommended Exposu	ure Limits (RELs)		
N-alkylated benzotriazole is four	nd on the following regulatory lists		
US Toxic Substances Control Act ((TSCA) - Chemical Substance Inventory	US TSCA Chemical Substance Inventory - Interim List of Active Subs	stances
Superfund Amendments and I Section 311/312 hazard categori	Reauthorization Act of 1986 (SARA) es		
Flammable (Gases, Aerosols, Liqu			No
Gas under pressure			No
Explosive			No
Self-heating			No
Pyrophoric (Liquid or Solid)			No
Pyrophoric Gas			No
Pyrophoric Gas Corrosive to metal			No No
Corrosive to metal			No
Corrosive to metal Oxidizer (Liquid, Solid or Gas)			No No
Corrosive to metal Oxidizer (Liquid, Solid or Gas) Organic Peroxide	ible gas		No No No
Corrosive to metal Oxidizer (Liquid, Solid or Gas) Organic Peroxide Self-reactive	ible gas		No No No
Corrosive to metal Oxidizer (Liquid, Solid or Gas) Organic Peroxide Self-reactive In contact with water emits flamma	ible gas		No No No No
Corrosive to metal Oxidizer (Liquid, Solid or Gas) Organic Peroxide Self-reactive In contact with water emits flamma Combustible Dust			No No No No No
Corrosive to metal Oxidizer (Liquid, Solid or Gas) Organic Peroxide Self-reactive In contact with water emits flamma Combustible Dust Carcinogenicity			No No No No No No
Corrosive to metal Oxidizer (Liquid, Solid or Gas) Organic Peroxide Self-reactive In contact with water emits flamma Combustible Dust Carcinogenicity Acute toxicity (any route of exposu			No No No No No No No
Corrosive to metal Oxidizer (Liquid, Solid or Gas) Organic Peroxide Self-reactive In contact with water emits flamma Combustible Dust Carcinogenicity Acute toxicity (any route of exposu Reproductive toxicity			No No No No No No No No
Corrosive to metal Oxidizer (Liquid, Solid or Gas) Organic Peroxide Self-reactive In contact with water emits flamma Combustible Dust Carcinogenicity Acute toxicity (any route of exposu Reproductive toxicity Skin Corrosion or Irritation	ıre)		No No No No No No No No No
Corrosive to metal Oxidizer (Liquid, Solid or Gas) Organic Peroxide Self-reactive In contact with water emits flamma Combustible Dust Carcinogenicity Acute toxicity (any route of exposu Reproductive toxicity Skin Corrosion or Irritation Respiratory or Skin Sensitization	ure)		No No No No No No No No Yes
Corrosive to metal Oxidizer (Liquid, Solid or Gas) Organic Peroxide Self-reactive In contact with water emits flamma Combustible Dust Carcinogenicity Acute toxicity (any route of exposu Reproductive toxicity Skin Corrosion or Irritation Respiratory or Skin Sensitization Serious eye damage or eye irritation	ure)		No No No No No No No No Yes No
Corrosive to metal Oxidizer (Liquid, Solid or Gas) Organic Peroxide Self-reactive In contact with water emits flamma Combustible Dust Carcinogenicity Acute toxicity (any route of exposu Reproductive toxicity Skin Corrosion or Irritation Respiratory or Skin Sensitization Serious eye damage or eye irritation Specific target organ toxicity (sing	ure)		No No No No No No No Yes No No
Corrosive to metal Oxidizer (Liquid, Solid or Gas) Organic Peroxide Self-reactive In contact with water emits flamma Combustible Dust Carcinogenicity Acute toxicity (any route of exposu Reproductive toxicity Skin Corrosion or Irritation Respiratory or Skin Sensitization Serious eye damage or eye irritatii Specific target organ toxicity (sing Aspiration Hazard	ure)		No No No No No No No Yes No No No

None Reported

State Regulations

US. California Proposition 65

None Reported

National Inventory Status

National Inventory	Status
Australia - AIIC / Australia Non-Industrial Use	Yes
Canada - DSL	Yes
Canada - NDSL	No (N-alkylated benzotriazole)
China - IECSC	Yes
Europe - EINEC / ELINCS / NLP	No (N-alkylated benzotriazole)
Japan - ENCS	No (N-alkylated benzotriazole)
Korea - KECI	Yes

National Inventory	Status
New Zealand - NZIoC	Yes
Philippines - PICCS	Yes
USA - TSCA	Yes
Taiwan - TCSI	Yes
Mexico - INSQ	No (N-alkylated benzotriazole)
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	08/10/2022
Initial Date	08/11/2022

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. Risks may be determined by reference to Exposures Scenarios. Scale of use, frequency of use and current or available engineering controls must be considered.

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 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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