

SAFETY DATA SHEET

1. Identification

1. Identification				
Product identifier	Trans-X® Transmission Stop Leak & Tune Up - 15 fl oz			
Other means of identification				
Product Code	No. 402015 (Item# 1006088)			
Recommended use	Transmission fluid additive			
Recommended restrictions	None known.			
Manufacturer/Importer/Supplier/	Distributor information			
Manufactured or sold by:				
Company name	CRC Industries, Inc.			
Address	885 Louis Dr.			
	Warminster, PA 18974 US			
Telephone				
General Information	215-674-4300			
Technical Assistance	800-521-3168			
Customer Service	800-272-4620			
24-Hour Emergency (CHEMTREC)	800-424-9300 (US)			
Website	www.crcindustries.com			
2. Hazard(s) identification				
Physical hazards	Flammable liquids	Category 2		
Health hazards	Serious eye damage/eye irritation	Category 2A		
	Carcinogenicity	Category 2		
	Reproductive toxicity	Category 2		
	Specific target organ toxicity, repeated exposure	Category 2		
	Aspiration hazard	Category 1		
Environmental hazards	Hazardous to the aquatic environment, acute hazard	Category 3		
	Hazardous to the aquatic environment, long-term hazard	Category 3		
OSHA defined hazards	Not classified.			
Label elements				



Signal word Hazard statement

Highly flammable liquid and vapor. May be fatal if swallowed and enters airways. Causes serious eye irritation. Suspected of causing cancer. Suspected of damaging fertility or the unborn child. May cause damage to organs through prolonged or repeated exposure.

Precautionary statement	
Prevention	Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep away from heat/sparks/open flames/hot surfaces No smoking. Keep container tightly closed. Use explosion-proof electrical/ventilating/lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Use only outdoors or in a well-ventilated area. Maintain ventilation during use and until all vapors are gone. Do not breathe mist/vapors. Open doors and windows or use other means to ensure a fresh air supply during use and while product is drying. If you experience any symptoms listed on this label, increase ventilation or leave the area. Wash thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection.
Response	If swallowed: Immediately call a poison center/doctor. Do NOT induce vomiting. If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. If exposed or concerned: Get medical advice/attention. In case of fire: Do not use water jet as an extinguisher, as this will spread the fire.
Storage	Store in a well-ventilated place. Keep cool. Store locked up.
Disposal	Dispose of contents/container in accordance with local/regional/national/international regulations.
Hazard(s) not otherwise classified (HNOC)	None known.
Supplemental information	None.

3. Composition/information on ingredients

Mixtures

CAS number	%
64742-52-5	70 - 80
67-63-0	10 - 20
1330-20-7	5 - 10
108-88-3	3 - 5
123-42-2	1 - 3
100-41-4	1 - 3
	64742-52-5 67-63-0 1330-20-7 108-88-3 123-42-2

Specific chemical identity and/or percentage of composition has been withheld as a trade secret.

4. First-aid measures		
Inhalation	Move to fresh air. Call a physician if symptoms develop or persist.	
Skin contact	Take off immediately all contaminated clothing. Rinse skin with water/shower. Get medical attention if irritation develops and persists.	
Eye contact	Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists.	
Ingestion	Call a physician or poison control center immediately. Rinse mouth. Do not induce vomiting. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs.	
Most important symptoms/effects, acute and delayed	Aspiration may cause pulmonary edema and pneumonitis. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Prolonged exposure may cause chronic effects.	
Indication of immediate medical attention and special treatment needed	Provide general supportive measures and treat symptomatically. Thermal burns: Flush with water immediately. While flushing, remove clothes which do not adhere to affected area. Call an ambulance. Continue flushing during transport to hospital. Keep victim under observation. Symptoms may be delayed.	
General information	Take off all contaminated clothing immediately. IF exposed or concerned: Get medical advice/attention. Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance. Wash contaminated clothing before reuse.	
5. Fire-fighting measures		
Suitable extinguishing media	Water fog. Alcohol resistant foam. Carbon dioxide (CO2). Dry chemical powder, carbon dioxide, sand or earth may be used for small fires only.	
Unsuitable extinguishing media	Do not use water jet as an extinguisher, as this will spread the fire.	

Specific hazards arising from the chemical	Vapors may form explosive mixtures with air. Vapors may travel considerable distance to a source of ignition and flash back. This product is a poor conductor of electricity and can become electrostatically charged. If sufficient charge is accumulated, ignition of flammable mixtures can occur. Static electricity accumulation may be significantly increased by the presence of small quantities of water or other contaminants. Material will float and may ignite on surface of water. 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.
Fire-fighting equipment/instructions	In case of fire and/or explosion do not breathe fumes. Move containers from fire area if you can do so without risk. Use standard firefighting procedures and consider the hazards of other involved materials.
Specific methods	Use standard firefighting procedures and consider the hazards of other involved materials.
General fire hazards	Highly flammable liquid and vapor.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures	Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Wear appropriate protective equipment and clothing during clean-up. Do not breathe mist/vapors. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. Use appropriate containment to avoid environmental contamination. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.
Methods and materials for containment and cleaning up	Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil, etc.) away from spilled material. Take precautionary measures against static discharge. Use only non-sparking tools. This product is miscible in water. This material is classified as a water pollutant under the Clean Water Act and should be prevented from contaminating soil or from entering sewage and drainage systems which lead to waterways.
	Small Spills: Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal. Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.
	Never return spills to original containers for re-use. Put material in suitable, covered, labeled containers. For waste disposal, see section 13 of the SDS.
Environmental precautions	Avoid release to the environment. Inform appropriate managerial or supervisory personnel of all environmental releases. Prevent further leakage or spillage if safe to do so. Avoid discharge into drains, water courses or onto the ground. Use appropriate containment to avoid environmental contamination.
7. Handling and storage	
Precautions for safe handling	Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not handle, store or open near an open flame, sources of heat or sources of ignition. Protect material from direct sunlight. When using do not smoke. Explosion-proof general and local exhaust ventilation. Minimize fire risks from flammable and combustible materials (including combustible dust and static accumulating liquids) or dangerous reactions with incompatible materials. Handling operations that can promote accumulation of static charges include but are not limited to: mixing, filtering, pumping at high flow rates, splash filling, creating mists or sprays, tank and container filling, tank cleaning, sampling, gauging, switch loading, vacuum truck operations. Take precautionary measures against static discharges. Use non-sparking tools and explosion-proof equipment. Do not breathe mist/vapors. Avoid contact with eyes. Avoid prolonged exposure. Pregnant or breastfeeding women must not handle this product. Should be handled in closed systems, if possible. Wear appropriate personal protective equipment. Wash hands thoroughly after handling. Avoid release to the environment. Observe good industrial hygiene practices. For product usage instructions, see the product label.
Conditions for safe storage, including any incompatibilities	Keep away from heat, sparks and open flame. Eliminate sources of ignition. Avoid spark promoters. Store in a cool, dry place out of direct sunlight. Store in tightly closed container. Store in a well-ventilated place. Keep in an area equipped with sprinklers. Store away from incompatible materials (see Section 10 of the SDS).

8. Exposure controls/personal protection

Occupational exposure limits

US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)				
Components	Туре	Value	Form	
diacetone alcohol (CAS 123-42-2)	PEL	240 mg/m3		

US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

Components	Type	Value	Form	
		50 ppm		
distillates (petroleum), hydrotreated heavy naphthenic (CAS 64742-52-5)	PEL	5 mg/m3	Mist.	
		2000 mg/m3		
		500 ppm		
ethylbenzene (CAS 100-41-4)	PEL	435 mg/m3		
		100 ppm		
sopropyl alcohol (CAS §7-63-0)	PEL	980 mg/m3		
,		400 ppm		
vlene (CAS 1330-20-7)	PEL	435 mg/m3		
		100 ppm		
JS. OSHA Table Z-2 (29 CFR 191	0.1000)			
Components	Туре	Value		
oluene (CAS 108-88-3)	Ceiling	300 ppm		
	TWA	200 ppm		
JS. ACGIH Threshold Limit Value	es			
Components	Туре	Value	Form	
liacetone alcohol (CAS 23-42-2)	TWA	50 ppm		
distillates (petroleum), hydrotreated heavy haphthenic (CAS 64742-52-5)	TWA	5 mg/m3	5 mg/m3 Inhalable fraction.	
ethylbenzene (CAS 100-41-4)	TWA	20 ppm		
sopropyl alcohol (CAS 37-63-0)	STEL	400 ppm		
	TWA	200 ppm		
oluene (CAS 108-88-3)	TWA	20 ppm		
ylene (CAS 1330-20-7)	STEL	150 ppm		
	TWA	100 ppm		
JS. NIOSH: Pocket Guide to Che		Malara	F orma	
Components	Туре	Value	Form	
liacetone alcohol (CAS 123-42-2)	TWA	240 mg/m3		
		50 ppm		
listillates (petroleum), nydrotreated heavy naphthenic (CAS 54742-52-5)	Ceiling	1800 mg/m3		
	STEL	10 mg/m3	Mist.	
	TWA	5 mg/m3	Mist.	
ethylbenzene (CAS I00-41-4)	STEL	545 mg/m3		

US. NIOSH: Pocket Guide to Chemical Hazards

Components	Туре	Value Form	
	TWA	435 mg/m3	
		100 ppm	
isopropyl alcohol (CAS 67-63-0)	STEL	1225 mg/m3	
		500 ppm	
	TWA	980 mg/m3	
		400 ppm	
toluene (CAS 108-88-3)	STEL	560 mg/m3	
		150 ppm	
	TWA	375 mg/m3	
		100 ppm	
xylene (CAS 1330-20-7)	STEL	655 mg/m3	
		150 ppm	
	TWA	435 mg/m3	
		100 ppm	

Biological limit values

ACGIH Biological Exposure Indices

Components	Value	Determinant	Specimen	Sampling Time	
ethylbenzene (CAS 100-41-4)	0.15 g/g	Sum of mandelic acid and phenylglyoxylic acid	Creatinine in urine	*	
isopropyl alcohol (CAS 67-63-0)	40 mg/l	Acetone	Urine	*	
toluene (CAS 108-88-3)	0.3 mg/g	o-Cresol, with hydrolysis	Creatinine in urine	*	
	0.03 mg/l	Toluene	Urine	*	
	0.02 mg/l	Toluene	Blood	*	
xylene (CAS 1330-20-7)	1.5 g/g	Methylhippuric acids	Creatinine in urine	*	

* - For sampling details, please see the source document.

Exposure guidelines		
US - California OELs: Skin o	lesignation	
toluene (CAS 108-88-3)	Can be absorbed through the skin.	
US - Minnesota Haz Subs: S	kin designation applies	
toluene (CAS 108-88-3)	Skin designation applies.	
Appropriate engineering controls	Explosion-proof general and local exhaust ventilation. 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. Eye wash facilities and emergency shower should be available when handling this product.	
Individual protection measures,	such as personal protective equipment	
Eye/face protection	Wear safety glasses with side shields (or goggles).	
Skin protection		
Hand protection	Wear protective gloves such as: Neoprene. Nitrile.	
Other	Wear appropriate chemical resistant clothing. Use of an impervious apron is recommended.	
Respiratory protection	If engineering controls are not feasible or if exposure exceeds the applicable exposure limits, use a NIOSH-approved cartridge respirator with an organic vapor cartridge. Use a self-contained breathing apparatus in confined spaces and for emergencies. Air monitoring is needed to determine actual employee exposure levels.	

Thermal	hazards
Incinai	nazarus

Wear appropriate thermal protective clothing, when necessary.

When using, do not eat, drink or smoke. 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

-	
Appearance	
Physical state	Liquid.
Form	Liquid.
Color	Red.
Odor	Mild petroleum.
Odor threshold	Not available.
рН	Not available.
Melting point/freezing point	-138.8 °F (-94.9 °C) estimated
Initial boiling point and boiling range	179.6 °F (82 °C) estimated
Flash point	61.0 °F (16.1 °C) Setaflash
Evaporation rate	Slow.
Flammability (solid, gas)	Not available.
Upper/lower flammability or exp	losive limits
Flammability limit - lower (%)	1 % estimated
Flammability limit - upper (%)	13 % estimated
Vapor pressure	7.7 hPa estimated
Vapor density	> 1 (air = 1)
Relative density	0.87
Solubility(ies)	
Solubility (water)	Negligible.
Partition coefficient (n-octanol/water)	Not available.
Auto-ignition temperature	600 °F (315.6 °C) estimated
Decomposition temperature	Not available.
Viscosity	Not available.
Percent volatile	Not available.

10. Stability and reactivity

Reactivity	The product is stable and non-reactive under normal conditions of use, storage and transport.
Chemical stability	Material is stable under normal conditions.
Possibility of hazardous reactions	No dangerous reaction known under conditions of normal use.
Conditions to avoid	Avoid heat, sparks, open flames and other ignition sources. Contact with incompatible materials.
Incompatible materials	Strong acids. Strong oxidizing agents. Chlorine. Halogens. Isocyanates.
Hazardous decomposition products	Carbon oxides. Hydrocarbon fumes and smoke. Aldehydes.

11. Toxicological information

Information on likely routes of exposure

Inhalation	Prolonged inhalation may be harmful.
Skin contact	Based on available data, the classification criteria are not met.
Eye contact	Causes serious eye irritation.
Ingestion	Droplets of the product aspirated into the lungs through ingestion or vomiting may cause a serious chemical pneumonia.

Aspiration may cause pulmonary edema and pneumonitis. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision.

Information on toxicological effects

Acute toxicity May be fatal if swallowed and enters airways.

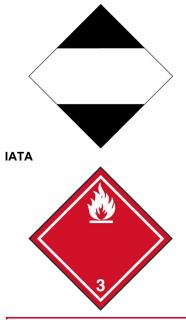
Acute toxicity	May be fatal if swallowed and	enters airways.
Components	Species	Test Results
diacetone alcohol (CAS 123-42-2)	
Acute		
Dermal		
LD50	Rabbit	14.5 ml/kg
Oral		
LD50	Rat	4 g/kg
distillates (petroleum), hydrotreate	ed heavy naphthenic (CAS 6474	2-52-5)
Acute		
Dermal		
LD50	Rabbit	> 2000 mg/kg
Oral		
LD50	Rat	> 5000 mg/kg
Skin corrosion/irritation	Prolonged skin contact may c	ause temporary irritation.
Serious eye damage/eye irritation	Causes serious eye irritation.	
Respiratory or skin sensitizatio	n	
Respiratory sensitization	Not a respiratory sensitizer.	
Skin sensitization	This product is not expected to cause skin sensitization.	
Germ cell mutagenicity	No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.	
Carcinogenicity	Suspected of causing cancer.	
IARC Monographs. Overall	Evaluation of Carcinogenicity	
ethylbenzene (CAS 100-41-4) toluene (CAS 108-88-3) xylene (CAS 1330-20-7) OSHA Specifically Regulated Substances (29 CFR 1910.10		2B Possibly carcinogenic to humans. 3 Not classifiable as to carcinogenicity to humans. 3 Not classifiable as to carcinogenicity to humans. 001-1053)
Not listed.		,
US. National Toxicology Pr	ogram (NTP) Report on Carcir	logens
Not listed.		
Reproductive toxicity	Components in this product have been shown to cause birth defects and reproductive disorders in laboratory animals. Suspected of damaging fertility or the unborn child.	
Specific target organ toxicity - single exposure	Not classified.	
Specific target organ toxicity - repeated exposure	May cause damage to organs through prolonged or repeated exposure.	
Aspiration hazard	May be fatal if swallowed and	enters airways.
Chronic effects	Prolonged inhalation may be	harmful. May cause damage to organs through prolonged or development of the deve
12. Ecological informatio	n	
Ecotoxicity	Harmful to aquatic life with lo	na lastina effects.
	1	

LCOLOXICITY	nanna a	o aquado nie with long labiting cheoto.		
Components		Species	Test Results	
toluene (CAS 108-88-3)				
Acute				
Other	EC50	Pseudokirchnerella subcapitata	433 mg/l, 96 hours	
			12.5 mg/l, 72 hours	

Components		Species	Test Results
Aquatic			
Acute			
Fish	LC50	Coho salmon,silver salmon (Oncorhynchus kisutch)	5.5 mg/l, 96 hours
Persistence and degradability	No data is	available on the degradability of any i	ngredients in the mixture.
Bioaccumulative potential			
Partition coefficient n-octan	ol / water (lo	og Kow)	
diacetone alcohol		-0.098	
ethylbenzene		3.15	
isopropyl alcohol toluene		0.05 2.73	
Bioconcentration factor (BC	F)	2.15	
ethylbenzene	,	1	
toluene		90	
xylene		23.99	
Mobility in soil	No data av	ailable.	
Other adverse effects			one depletion, photochemical ozone creation otential) are expected from this component.
13. Disposal consideration	ns		
Disposal instructions	dispose in sewers/wa	sealed containers at licensed waste d	ignitable waste, D001. Collect and reclaim or isposal site. Do not allow this material to drain into ls, waterways or ditches with chemical or used able regulations.
Hazardous waste code	D001: Was	te Flammable material with a flash po	vint <140 F
Contaminated packaging			d waste handling site for recycling or disposal. idue, follow label warnings even after container is
14. Transport information			
DOT			
UN number	UN1993		
UN proper shipping name	Flammable Quantity	e liquids, n.o.s. (isopropyl alcohol RQ =	= 789 LBS, xylene RQ = 1808 LBS), Limited
Transport hazard class(es)	_		
Class	3		
Subsidiary risk Label(s)	- 3		
Packing group	5 II		
		y instructions, SDS and emergency p	rocedures before handling.
Special provisions		P1, TP8, TP28	Ŭ
Packaging exceptions	150		
Packaging non bulk	202		
Packaging bulk IATA	242		
UN number	UN1993		
UN proper shipping name Transport hazard class(es)		liquid, n.o.s. (isopropyl alcohol, xylen	le)
Class	3		
Subsidiary risk	-		
Packing group			
ERG Code	3H Deed sefet	vinetwetiens, CDC and emergency a	
Other information		y instructions, SDS and emergency p	rocedures before handling.
Passenger and cargo aircraft		th restrictions.	
Cargo aircraft only IMDG		th restrictions.	
UN number	UN1993		

UN proper shipping name Transport hazard class(es)	FLAMMABLE LIQUID, N.O.S. (isopropyl alcohol, xylene), Limited Quantity
Class	3
Subsidiary risk	-
Packing group	II
Environmental hazards	
Marine pollutant	No.
EmS	F-E, <u>S-E</u>
Special precautions for user	Read safety instructions, SDS and emergency procedures before handling.

DOT; IMDG



15. Regulatory information

0,		
US federal regulations	This product is a "Hazardous (Standard, 29 CFR 1910.1200.	Chemical" as defined by the OSHA Hazard Communication
TSCA Section 12(b) E	xport Notification (40 CFR 707, \$	Subpt. D)
Not regulated.		
SARA 304 Emergency	release notification	
Not regulated.		
OSHA Specifically Reg	gulated Substances (29 CFR 19 ⁻	10.1001-1053)
Not listed.		
CERCLA Hazardous S	Substance List (40 CFR 302.4)	
ethylbenzene (CAS toluene (CAS 108- xylene (CAS 1330- CERCLA Hazardous S	88-3)	,
ethylbenzene (CAS toluene (CAS 108-4 xylene (CAS 1330-	88-3)	1000 LBS 1000 LBS 100 LBS
	ing in the loss of any ingredient at 424-8802) and to your Local Eme	or above its RQ require immediate notification to the National rgency Planning Committee.
Other federal regulations		
Clean Air Act (CAA) Section	on 112 Hazardous Air Pollutants	a (HAPs) List
ethylbenzene (CAS 100 toluene (CAS 108-88-3) xylene (CAS 1330-20-7 Clean Air Act (CAA) Section Not regulated.)	evention (40 CFR 68.130)

Chemical Code Numb		ist 2, Essential Chemica	s (21 CFR 1310.02(b) and 1310.	04(f)(2)
toluene (CAS 108-		6594		
-		ist 1 & 2 Exempt Chemic 35 %WV	al Mixtures (21 CFR 1310.12(c))	
toluene (CAS 108- DEA Exempt Chemica				
toluene (CAS 108-		594		
-		-	vor Manufacturing Workplace	
isopropyl alcohol (,	Low priority		
Food and Drug Administration (FDA)	Not regulated.			
erfund Amendments and F				
Classified hazard categories	Serious eye damag Carcinogenicity Reproductive toxici			
SARA 302 Extremely haza Not listed.	rdous substance			
SARA 311/312 Hazardous chemical	Yes			
SARA 313 (TRI reporting) Chemical name		CAS number	% by wt.	
ethylbenzene		100-41-4	1 - 3	
toluene		108-88-3	3 - 5	
xylene		1330-20-7	5 - 10	
xylene state regulations		1330-20-7	5 - 10	
-	nd Community Right-1		5 - 10	
state regulations			5 - 10	
state regulations US. New Jersey Worker and diacetone alcohol (CAS ethylbenzene (CAS 100	5 123-42-2))-41-4)		5 - 10	
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California Proposition 6	5 - CRT: Listed date/Carcinogenic substance	
benzene (CAS 71-43	B-2) Listed: February 27, 1987	
cumene (CAS 98-82		
ethylbenzene (CAS naphthalene (CAS 9		
	5 - CRT: Listed date/Developmental toxin	
benzene (CAS 71-43		
mercury (CAS 7439-		
methanol (CAS 67-5 toluene (CAS 108-88		
	55 - CRT: Listed date/Male reproductive toxin	
benzene (CAS 71-43	,	
US. California. Candida subd. (a))	te Chemicals List. Safer Consumer Products Regulations (Cal. Code	e Regs, tit. 22, 69502.3,
distillates (petroleum ethylbenzene (CAS isopropyl alcohol (C/ toluene (CAS 108-88 xylene (CAS 1330-20	AS 67-63-0) 3-3)	
Volatile organic compounds (VC	DC) regulations	
EPA		
VOC content (40 CFR 51.100(s))	99.9 %	
Consumer products (40 CFR 59, Subpt. C)	Not regulated	
State		
Consumer products	Not regulated	
VOC content (CA)	23.8 %	
VOC content (OTC)	23.8 %	
International Inventories		
Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Industrial Chemicals (AICIS)	No
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	Yes
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	Yes
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	No
Korea	Existing Chemicals List (ECL)	Yes
New Zealand	New Zealand Inventory	Yes
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	Yes
Taiwan	Taiwan Chemical Substance Inventory (TCSI)	Yes
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes
	nents of this product comply with the inventory requirements administered by the components of the product are not listed or exempt from listing on the inventory	

16. Other information, including date of preparation or last revision

Issue date	05-11-2021
Prepared by	Allison Yoon
Version #	01
Further information	CRC # 901/1002890

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Revision information	Product and Company Identification: Alternate Trade Names Hazard(s) identification: Prevention Physical & Chemical Properties: Multiple Properties Toxicological Information: Toxicological Data Ecological Information: Ecotoxicity GHS: Qualifiers