

SAFETY DATA SHEET

1. Identification

1. Identification					
Product identifier	Tyme®-1 Cold Parts Cleaner				
Other means of identification					
Product Code	No. 14101 (Item# 1004839)				
Recommended use	Parts cleaning solvent for use in cold cleaner / dip tank				
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	800-424-9300 (US)				
(CHEMTREC)	703-527-3887 (International)				
Website	www.crcindustries.com				
2. Hazard(s) identification	I				
Physical hazards	Not classified.				
Health hazards	Skin corrosion/irritation	Category 1C			
	Serious eye damage/eye irritation	Category 1			
	Sensitization, skin	Category 1B			
	Carcinogenicity	Category 1B			
	Specific target organ toxicity, single exposure	Category 3 narcotic effects			
Environmental hazards	Hazardous to the aquatic environment, acute hazard	Category 2			
	Hazardous to the aquatic environment, long-term hazard	Category 2			
OSHA defined hazards	Not classified.				
Label elements					
	$\wedge \wedge \wedge$				

Signal word Hazard statement

Causes severe skin burns and eye damage. May cause an allergic skin reaction. May cause drowsiness or dizziness. May cause cancer. Harmful to aquatic life. Toxic to aquatic life with long lasting effects.

Precautionary statement Prevention

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not breathe mist or vapor. Use with adequate ventilation. 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. Contaminated work clothing must not be allowed out of the workplace. Wear protective gloves/protective clothing/eye protection/face protection. Avoid release to the environment.

Danger

Response	If swallowed: Rinse mouth. Do NOT induce vomiting. If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse. If inhaled: Remove person to fresh air and keep comfortable for breathing. Immediately call a poison center/doctor. If skin irritation or rash occurs: Get medical advice/attention. Collect spillage.
Storage	Store in a well-ventilated place. Keep container tightly closed. Store locked up.
Disposal	Dispose of contents/container in accordance with local/regional/national regulations.
Hazard(s) not otherwise classified (HNOC)	None known.

Supplemental information

When exposed to extreme heat or hot surfaces, vapors may decompose to harmful or fatal corrosive gases such as hydrogen chloride and possibly phosgene.

3. Composition/information on ingredients

Mixtures

Chemical name	Common name and synonyms	CAS number	%
tetrachloroethylene	perchloroethylene	127-18-4	50 - 60
water		7732-18-5	30 - 40
cyclohexanol		108-93-0	10 - 20
tall oil		8002-26-4	3 - 5

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

4. First-aid measures	
Inhalation	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.
Skin contact	Remove contaminated clothing immediately and wash skin with soap and water. Call a physician or poison control center immediately. Chemical burns must be treated by a physician. Wash contaminated clothing before reuse.
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. Call a physician or poison control center immediately.
Ingestion	Call a physician or poison control center immediately. 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	May cause drowsiness and dizziness. Headache. Nausea, vomiting. Burning pain and severe corrosive skin damage. Causes serious eye damage. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Permanent eye damage including blindness could result.
Indication of immediate medical attention and special treatment needed	Provide general supportive measures and treat symptomatically. Chemical 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	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. Wash contaminated clothing before reuse.

5. Fire-fighting measures

Suitable extinguishing media	Foam. Powder. Carbon dioxide (CO2).
Unsuitable extinguishing media	Do not use water jet as an extinguisher, as this will spread the fire.
Specific hazards arising from the chemical	When exposed to extreme heat or hot surfaces, vapors may decompose to harmful or fatal corrosive gases such as hydrogen chloride and possibly phosgene.
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	Move containers from fire area if you can do so without risk.
General fire hazards	No unusual fire or explosion hazards noted.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures	Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Wear appropriate protective equipment and clothing during clean-up. Do not breathe mist or vapor. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ensure adequate ventilation. 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	This product is miscible in water. Dike far ahead of spill for later disposal. 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. Put material in suitable, covered, labeled containers. For waste disposal, see section 13 of the SDS. 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.
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 breathe mist or vapor. Do not get in eyes, on skin, or on clothing. Avoid prolonged exposure. Should be handled in closed systems, if possible. Provide adequate ventilation. Wear appropriate personal protective equipment. 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	Store in a cool, dry place out of direct sunlight. Keep container tightly closed. Store away from incompatible materials (see Section 10 of the SDS).

8. Exposure controls/personal protection

Occupational exposure limits

The following constituents are the only constituents of the product which have a PEL, TLV or other recommended exposure limit. At this time, the other constituents have no known exposure limits.

Components		Туре		Va	lue
cyclohexanol (CAS 108-93-0)		PEL		20	0 mg/m3
,				50	ppm
US. OSHA Table Z-2 (29 0	CFR 1910.1000)				
Components		Туре		Va	lue
tetrachloroethylene (CAS 127-18-4)		Ceilin	g	20	0 ppm
,		TWA		10	0 ppm
US. ACGIH Threshold Lin	nit Values				
Components		Туре		Va	lue
cyclohexanol (CAS 108-93-0)		TWA		50	ppm
tetrachloroethylene (CAS 127-18-4)		STEL		10	0 ppm
		TWA		25	ppm
US. NIOSH: Pocket Guide	to Chemical H	azards			
Components		Туре		Va	lue
cyclohexanol (CAS 108-93-0)		TWA		20	0 mg/m3
				50	ppm
ogical limit values					
ACGIH Biological Exposu	re Indices				
Components	Value		Determinant	Specimen	Sampling Time
tetrachloroethylene (CAS 127-18-4)	0.5 mg/l		Tetrachloroethy lene	Blood	*

ACGIH Biological Exposu Components	Value	Determinant	Specimen	Sampling Time
	3 ppm	Tetrachloroethy lene	End-exhaled air	*
* - For sampling details, plea	ase see the source	document.		
kposure guidelines				
US - California OELs: Skin	designation			
cyclohexanol (CAS 108	-93-0)	Can be	absorbed throu	gh the skin.
US - Minnesota Haz Subs:	Skin designation	applies		
cyclohexanol (CAS 108			signation applie	
tetrachloroethylene (CA US - Tennessee OELs: Ski		Skin de	signation applie	S.
cyclohexanol (CAS 108	-	Can ba	absorbed throu	ah tha akin
US ACGIH Threshold Limi			absorbed throu	gii the skin.
cyclohexanol (CAS 108		•	absorbed throu	ah the skin
US NIOSH Pocket Guide to	,			
cyclohexanol (CAS 108	-93-0)	Can be	absorbed throu	gh the skin.
ppropriate engineering ontrols	should be matc or other engine exposure limits	hed to conditions. If app ering controls to maintain have not been establish and emergency shower	olicable, use prod in airborne level ned, maintain air	nour) should be used. Ventilation rates cess enclosures, local exhaust ventilation, s below recommended exposure limits. If borne levels to an acceptable level. Eye able when handling this product. Provide
dividual protection measure Eye/face protection	· ·	al protective equipments as a single		a face shield.
Skin protection				
Hand protection	Wear protective Viton/butyl.	e gloves such as: Polyvi	nyl alcohol (PVA	A). Polytetrafluoroethylene (PTFE).
Other	Wear appropria	te chemical resistant clo	othing. Use of ar	n impervious apron is recommended.
Respiratory protection	NIOSH-approve breathing appar	ed cartridge respirator w	ith an organic van and for emerge	xceeds the applicable exposure limits, use apor cartridge. Use a self-contained encies. Air monitoring is needed to
Thermal hazards	Wear appropria	te thermal protective clo	othing, when neo	cessary.
eneral hygiene onsiderations	measures, such	as washing after hand	ling the material	s observe good personal hygiene and before eating, drinking, and/or equipment to remove contaminants.

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Арр	earance				

Appearance	
Physical state	Liquid.
Form	Liquid.
Color	Yellow.
Odor	Solvent.
Odor threshold	Not available.
рН	12.2
Melting point/freezing point	-8.1 °F (-22.3 °C) estimated
Initial boiling point and boiling range	212 °F (100 °C) estimated
Flash point	None.
Evaporation rate	Slow.
Flammability (solid, gas)	Not available.

Upper/lower flammability or exp	losive limits
Flammability limit - lower (%)	1.3 % estimated
Flammability limit - upper (%)	13.1 % estimated
Vapor pressure	17.1 hPa estimated
Vapor density	> 3 (air = 1)
Relative density	1.24
Solubility (water)	Emulsifiable.
Partition coefficient (n-octanol/water)	Not available.
Auto-ignition temperature	572 °F (300 °C) estimated
Decomposition temperature	Not available.
Viscosity (kinematic)	Not available.
Percent volatile	95.5 % estimated

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	Heat, flames and sparks. When exposed to extreme heat or hot surfaces, vapors may decompose to harmful or fatal corrosive gases such as hydrogen chloride and possibly phosgene. Contact with incompatible materials. Do not mix with other chemicals.
Incompatible materials	Acids. Strong oxidizing agents. Oxidizing agents.
Hazardous decomposition products	Chlorine. Hydrogen chloride. Phosgene. Carbon oxides. Nitrogen oxides (NOx).

11. Toxicological information

Information on likely routes of exposure

Inhalation	May cause drowsiness and dizziness. Headache. Nausea, vomiting. May cause irritation to the respiratory system. Prolonged inhalation may be harmful.
Skin contact	Causes severe skin burns. May cause an allergic skin reaction.
Eye contact	Causes serious eye damage.
Ingestion	Causes digestive tract burns.
Symptoms related to the physical, chemical and toxicological characteristics	May cause drowsiness and dizziness. Headache. Nausea, vomiting. Burning pain and severe corrosive skin damage. Causes serious eye damage. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Permanent eye damage including blindness could result.

Information on toxicological effects

Acute toxicity	Not known.		
Components	Species	Test Results	
tall oil (CAS 8002-26-4)			
Acute			
Dermal			
LD50	Rabbit	> 2000 mg/kg	
Oral			
LD50	Rat	> 2000 mg/kg	
tetrachloroethylene (CAS	\$ 127-18-4)		
<u>Acute</u>			
Dermal			
LD50	Rabbit	> 3228 mg/kg	

	Species		Te	est Results
Oral				
LD50	Rat		26	29 mg/kg
* Estimates for product may t	be based on ad	ditional componer	nt data not shown.	
Skin corrosion/irritation	Causes seve	ere skin burns and	eye damage.	
Exposure minutes	120.0000			
Serious eye damage/eye rritation	Causes serie	ous eye damage.		
Respiratory sensitization	Not a respira	atory sensitizer.		
Skin sensitization	May cause a	an allergic skin rea	ction.	
Germ cell mutagenicity	No data ava mutagenic o		roduct or any components	present at greater than 0.1% are
Carcinogenicity	May cause o	cancer.		
IARC Monographs. Overall	Evaluation of	Carcinogenicity		
morpholine (CAS 110-91 tetrachloroethylene (CAS OSHA Specifically Regulate	5 127-18-4)	s (29 CFR 1910.10	2A Probably carcinogenie	arcinogenicity to humans. c to humans.
Not regulated. US. National Toxicology Pr		Report on Carcin		
tetrachloroethylene (CAS	,		•	o be a Human Carcinogen.
Reproductive toxicity	-		cause reproductive or de	velopmental effects.
Specific target organ toxicity - single exposure	May cause o	drowsiness and dia	zziness.	
Specific target organ toxicity - epeated exposure	Not classifie	d.		
Specific target organ toxicity -		d. ation hazard.		
Specific target organ toxicity - epeated exposure	Not an aspir	ation hazard.	armful. Prolonged exposu	re may cause chronic effects.
Specific target organ toxicity - epeated exposure Aspiration hazard	Not an aspir Prolonged ir	ation hazard.	armful. Prolonged exposu	re may cause chronic effects.
Specific target organ toxicity - epeated exposure Aspiration hazard Chronic effects	Not an aspir Prolonged ir n	ation hazard.		re may cause chronic effects.
Specific target organ toxicity - epeated exposure Aspiration hazard Chronic effects 12. Ecological informatio	Not an aspir Prolonged ir n	ation hazard. halation may be h		re may cause chronic effects. Test Results
Specific target organ toxicity - epeated exposure Aspiration hazard Chronic effects 12. Ecological informatio Ecotoxicity	Not an aspir Prolonged ir n Toxic to aqu	ation hazard. halation may be h atic life with long l		
Specific target organ toxicity - epeated exposure Aspiration hazard Chronic effects 12. Ecological informatio Ecotoxicity Components cyclohexanol (CAS 108-93-0 Aquatic	Not an aspir Prolonged ir n Toxic to aqu	ation hazard. halation may be h atic life with long l Species	asting effects.	Test Results
Specific target organ toxicity - epeated exposure Aspiration hazard Chronic effects 12. Ecological informatio Ecotoxicity Components cyclohexanol (CAS 108-93-0) Aquatic Fish	Not an aspir Prolonged ir n Toxic to aqu	ation hazard. halation may be h atic life with long l Species		Test Results
Specific target organ toxicity - epeated exposure Aspiration hazard Chronic effects 12. Ecological informatio Ecotoxicity Components cyclohexanol (CAS 108-93-0) Aquatic Fish tall oil (CAS 8002-26-4)	Not an aspir Prolonged ir n Toxic to aqu	ation hazard. halation may be h atic life with long l Species	asting effects.	Test Results
Specific target organ toxicity - epeated exposure Aspiration hazard Chronic effects 12. Ecological informatio Ecotoxicity Components cyclohexanol (CAS 108-93-0) Aquatic Fish tall oil (CAS 8002-26-4) Aquatic	Not an aspir Prolonged ir n Toxic to aqu	ation hazard. halation may be h atic life with long l Species	asting effects.	Test Results
Specific target organ toxicity - epeated exposure Aspiration hazard Chronic effects 12. Ecological informatio Ecotoxicity Components cyclohexanol (CAS 108-93-0) Aquatic Fish tall oil (CAS 8002-26-4) Aquatic Acute	Not an aspir Prolonged ir n Toxic to aqu) LC50	ation hazard. halation may be h atic life with long l Species Fathead minno	asting effects.	Test Results 704 mg/l, 96 hours
Specific target organ toxicity - epeated exposure Aspiration hazard Chronic effects 12. Ecological informatio Ecotoxicity Components cyclohexanol (CAS 108-93-0) Aquatic Fish tall oil (CAS 8002-26-4) Aquatic Acute Crustacea	Not an aspir Prolonged ir n Toxic to aqu) LC50 EC50	ation hazard. halation may be h atic life with long l Species Fathead minno Daphnia	asting effects.	Test Results 704 mg/l, 96 hours 12.2 mg/l, 48 hours
Specific target organ toxicity - epeated exposure Aspiration hazard Chronic effects 12. Ecological informatio Ecotoxicity Components cyclohexanol (CAS 108-93-0) Aquatic Fish tall oil (CAS 8002-26-4) Aquatic Acute Crustacea Fish	Not an aspir Prolonged ir n Toxic to aqu) LC50 EC50 LC50	ation hazard. halation may be h atic life with long l Species Fathead minno Daphnia	asting effects.	Test Results 704 mg/l, 96 hours 12.2 mg/l, 48 hours
Specific target organ toxicity - epeated exposure Aspiration hazard Chronic effects 12. Ecological informatio Ecotoxicity Components cyclohexanol (CAS 108-93-0) Aquatic Fish tall oil (CAS 8002-26-4) Aquatic Acute Crustacea Fish tetrachloroethylene (CAS 127	Not an aspir Prolonged ir n Toxic to aqu) LC50 EC50 LC50	ation hazard. halation may be h atic life with long l Species Fathead minno Daphnia	asting effects.	Test Results 704 mg/l, 96 hours 12.2 mg/l, 48 hours
Specific target organ toxicity - epeated exposure Aspiration hazard Chronic effects 12. Ecological informatio Ecotoxicity Components cyclohexanol (CAS 108-93-0) Aquatic Fish tall oil (CAS 8002-26-4) Aquatic Acute Crustacea Fish tetrachloroethylene (CAS 127 Aquatic	Not an aspir Prolonged ir n Toxic to aqu) LC50 EC50 LC50 7-18-4)	ation hazard. halation may be h atic life with long l Species Fathead minno Daphnia Fathead minno	asting effects. w (Pimephales promelas) w (Pimephales promelas)	Test Results 704 mg/l, 96 hours 12.2 mg/l, 48 hours > 20 mg/l, 96 hours
Specific target organ toxicity - epeated exposure Aspiration hazard Chronic effects 12. Ecological informatio Ecotoxicity Components cyclohexanol (CAS 108-93-0) Aquatic Fish tall oil (CAS 8002-26-4) Aquatic Acute Crustacea Fish tetrachloroethylene (CAS 127	Not an aspir Prolonged ir n Toxic to aqu) LC50 EC50 LC50	ation hazard. halation may be h atic life with long l Species Fathead minno Daphnia Fathead minno	asting effects. w (Pimephales promelas) w (Pimephales promelas) donaldson trout	Test Results 704 mg/l, 96 hours 12.2 mg/l, 48 hours
Specific target organ toxicity - epeated exposure Aspiration hazard Chronic effects 12. Ecological informatio Ecotoxicity Components cyclohexanol (CAS 108-93-0) Aquatic Fish tall oil (CAS 8002-26-4) Aquatic Acute Crustacea Fish tetrachloroethylene (CAS 127 Aquatic	Not an aspir Prolonged ir n Toxic to aqu) LC50 EC50 LC50 7-18-4) LC50	ation hazard. halation may be h atic life with long l Species Fathead minno Daphnia Fathead minno Rainbow trout, (Oncorhynchus	asting effects. w (Pimephales promelas) w (Pimephales promelas) donaldson trout s mykiss)	Test Results 704 mg/l, 96 hours 12.2 mg/l, 48 hours > 20 mg/l, 96 hours

Bioaccumulative potential

Partition coefficient n-octa	anol / water (log Kow)	
cyclohexanol		1.23
tall oil		4.7
tetrachloroethylene		2.88
Mobility in soil	No data available.	

13. Disposal considerations

Disposal of waste from residues / unused products	This material and its container must be disposed of as hazardous waste. Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose in accordance with all applicable regulations.
Hazardous waste code	D039: Waste Tetrachloroethylene F001: Waste Tetrachloroethylene - Spent halogenated solvent used in degreasing F002: Waste Tetrachloroethylene - Spent halogenated solvent
Contaminated packaging	Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.

14. Transport information

DOT

DOT	
UN number	UN2922
UN proper shipping name	Corrosive liquids, toxic, n.o.s. (potassium hydroxide RQ = 142857 LBS, tetrachloroethylene RQ = 195 LBS), Limited Quantity
Transport hazard class(es)	
Class	8
Subsidiary risk	6.1(PGIII)
Label(s)	8, 6.1
Packing group	
Special precautions for user	Read safety instructions, SDS and emergency procedures before handling.
Special provisions	IB3, T7, TP1, TP28
Packaging exceptions	154
Packaging non bulk	203
Packaging bulk	241
ΙΑΤΑ	
UN number	UN2922
UN proper shipping name	Corrosive liquid, toxic, n.o.s. (potassium hydroxide, tetrachloroethylene), Limited Quantity
Transport hazard class(es)	
Class	8
Subsidiary risk	6.1(PGIII)
Packing group	
ERG Code	8P
· ·	Read safety instructions, SDS and emergency procedures before handling.
Other information	
Passenger and cargo aircraft	Allowed with restrictions.
Cargo aircraft only	Allowed with restrictions.
IMDG	
UN number	UN2922
UN proper shipping name	CORROSIVE LIQUID, TOXIC, N.O.S. (potassium hydroxide, tetrachloroethylene), Limited Quantity
Transport hazard class(es)	
Class	8
Subsidiary risk	6.1(PGIII)
Packing group	
Environmental hazards	
Marine pollutant	No.
EmS	F-A, S-B
Special precautions for user	Read safety instructions, SDS and emergency procedures before handling.
15 Degulatory information	<u></u>
15. Regulatory information	I

US federal regulations

This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200. All components are on the U.S. EPA TSCA Inventory List.

TSCA Section 12(b) Export I	Notification (40 CFR 70)7, Subpt. D)	
Not regulated. SARA 304 Emergency releas	se notification		
Not regulated. OSHA Specifically Regulate	d Substances (29 CFR	1910.1001-1050)	
Not regulated. US EPCRA (SARA Title III) S	ection 313 - Toxic Che	emical: Listed substance	
cyclohexanol (CAS 108-9 tetrachloroethylene (CAS CERCLA Hazardous Substa	127-18-4)		
tetrachloroethylene (CAS	•	Listed.	
CERCLA Hazardous Substa		-	
tetrachloroethylene (CAS		100 LBS	
		edient at or above its RQ require immediate notification cal Emergency Planning Committee.	n to the National
Clean Air Act (CAA) Section		llutants (HAPs) List	
tetrachloroethylene (CAS Clean Air Act (CAA) Section	,	ease Prevention (40 CFR 68.130)	
Not regulated.	()		
Safe Drinking Water Act (SDWA)	Not regulated.		
Food and Drug Administration (FDA)	Not regulated.		
Superfund Amendments and	d Reauthorization Act	of 1986 (SARA)	
Section 311/312 Hazard categories	Immediate Hazard - Ye Delayed Hazard - Yes Fire Hazard - No Pressure Hazard - No Reactivity Hazard - No		
SARA 302 Extremely hazardous substance	No		
S state regulations			
US. California. Candidate Ch	nemicals List. Safer Co	onsumer Products Regulations (Cal. Code Regs, ti	t. 22, 69502.3, subd.
(a))	107 10 1)		
tetrachloroethylene (CAS US. New Jersey Worker and		Know Act	
cyclohexanol (CAS 108-9 tetrachloroethylene (CAS	127-18-4)		
US. Massachusetts RTK - Su cyclohexanol (CAS 108-9			
tetrachloroethylene (CAS			
US. Pennsylvania Worker ar		o-Know Law	
cyclohexanol (CAS 108-9 tetrachloroethylene (CAS US. Rhode Island RTK			
cyclohexanol (CAS 108-9 tetrachloroethylene (CAS			
US. California Proposition 6 WARNING: This product	5	wn to the State of California to cause cancer and birth	defects or other
reproductive harm.	ion 65 - CRT: Listed da	ate/Carcinogenic substance	
1,4-dioxane (CAS 12 ethylene oxide (CAS	3-91-1)	Listed: January 1, 1988 Listed: July 1, 1987	
tetrachloroethylene (Listed: April 1, 1988	
US - California Proposit	ion 65 - CRT: Listed da	ate/Developmental toxin	
2-methoxyethanol (C ethylene oxide (CAS		Listed: January 1, 1989 Listed: August 7, 2009	
laterial name: Tyme®-1 Cold Parts C	Cleaner		SDS L
o. 14101 (Item# 1004839) Versior		-14-2017 Issue date: 09-16-2015	8 / 1

ethylene oxide (CAS 75-21-8)		Listed: February 27, 1987	
US - California Proposit	tion 65 - CRT: Listed date	Male reproductive toxin	
2-methoxyethanol (CAS 109-86-4) ethylene oxide (CAS 75-21-8)		Listed: January 1, 1989 Listed: August 7, 2009	
latile organic compounds (VC EPA	DC) regulations		
VOC content (40 CFR 51.100(s))	14 %		
Consumer products (40 CFR 59, Subpt. C)	Not regulated		
State			
Consumer products	tank) with a capacity gre	uct is intended to be used in solvent cleanir ater than 2 gallons. This product is not com s compliant in all other states.	
VOC content (CA)	10.3 %		
VOC content (OTC)	10.3 %		
ernational Inventories			
Country(s) or region	Inventory name		On inventory (yes/no)*
Australia	Australian Inventory of C	hemical Substances (AICS)	Yes
Canada	Domestic Substances Li	Domestic Substances List (DSL)	
	Non-Domestic Substances List (NDSL)		NL.
Canada	Non-Domestic Substance	es List (NDSL)	NO
Canada China		es List (NDSL) emical Substances in China (IECSC)	
	Inventory of Existing Che		No Yes No
China	Inventory of Existing Che European Inventory of E Substances (EINECS)	emical Substances in China (IECSC)	Yes No
China Europe	Inventory of Existing Che European Inventory of E Substances (EINECS) European List of Notified	emical Substances in China (IECSC) xisting Commercial Chemical	Yes
China Europe Europe	Inventory of Existing Che European Inventory of E Substances (EINECS) European List of Notified	emical Substances in China (IECSC) xisting Commercial Chemical I Chemical Substances (ELINCS) I New Chemical Substances (ENCS)	Yes No No Yes
China Europe Europe Japan	Inventory of Existing Che European Inventory of E Substances (EINECS) European List of Notified Inventory of Existing and	emical Substances in China (IECSC) xisting Commercial Chemical I Chemical Substances (ELINCS) I New Chemical Substances (ENCS)	Yes No No Yes
China Europe Europe Japan Korea	Inventory of Existing Che European Inventory of E Substances (EINECS) European List of Notified Inventory of Existing and Existing Chemicals List of New Zealand Inventory	emical Substances in China (IECSC) xisting Commercial Chemical I Chemical Substances (ELINCS) I New Chemical Substances (ENCS)	Yes No No

*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s) A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

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

Issue date	09-16-2015
Revision date	09-14-2017
Prepared by	Allison Yoon
Version #	03
Further information	CRC # 609J/1002648
HMIS® ratings	Health: 3* Flammability: 1 Physical hazard: 1 Personal protection: D
NFPA ratings	Health: 3 Flammability: 1 Instability: 1
NFPA ratings	3 1

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Revision Information	This document has undergone significant changes and should be reviewed in its entirety.