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SAFETY DATA SHEET

SECTION 1. IDENTIFICATION

Product identifier used on the label: Thurmalox Part B

Product Code(s): 2252

Recommended use of the chemical and restrictions on use:

Coating for under insulation; Part B Use pattern: Professional Use Only

Recommended restrictions: None Known.

Chemical family: Mixture.

Name, address, and telephone number of the manufacturer:

Dampney Company, Inc.

85 Paris Street

Everett, Massachusetts, U.S.A. 02149

Email: sales@dampney.com

Supplier's Telephone: (617) 389-2805

24 Hr. Emergency Tel: Chemtrec 1-800-424-9300 (Within North America)

SECTION 2. HAZARDS IDENTIFICATION

Classification of the chemical

Clear liquid. Solvent odor.

This material is classified as hazardous under U.S. OSHA regulations (29CFR 1910.1200) (Hazcom 2012) and Canadian WHMIS regulations (Hazardous Products Regulations) (WHMIS 2015).

Classification:

Flammable Liquids - Category 2 Acute toxicity, oral - Category 4

Acute Toxicity, inhalation - Category 4 (vapor) Skin Irritation - Category 2

Skin sensitization - Category 1A

Serious eye damage/eye irritation - Category 1

Specific Target Organ Toxicity, Single Exposure -Category 3 (respiratory)

Specific Target Organ Toxicity, Single Exposure - Category 3 narcotic effects

Label elements

Hazard pictogram(s)



Signal Word DÄNGER!

Hazard statement(s)

Highly flammable liquid and vapor. Harmful if swallowed.

Harmful if inhaled. Causes skin irritation.

May cause an allergic skin reaction. Causes serious eye damage.

May cause respiratory irritation.

May cause drowsiness and dizziness.

Precautionary statement(s)

Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Keep container tightly closed.

Ground and bond container and receiving equipment.

Use explosion-proof electrical/ventilating/lighting/equipment. Use only non-sparking tools.

Take precautionary measures against static discharge. Do not eat, drink, or smoke when using this product.

Avoid breathing vapors or mists.

Use only outdoors or in a well-ventilated area. Wash thoroughly after handling.

Contaminated work clothing must not be allowed out of the workplace. Wear protective gloves/clothing and eye/face protection.



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If swallowed: Call a poison center/doctor if you feel unwell. Rinse mouth.

IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. If skin irritation or rash occurs: Get medical advice/attention.

Take off contaminated clothing and wash it before reuse.

IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTRE or doctor/physician if you feel unwell.

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.

In case of fire: Use alcohol-resistant foam, carbon dioxide or dry chemical to extinguish.

Store in a well-ventilated place. Keep container tightly closed. Keep cool. Store locked up.

Dispose of contents/container in accordance with local/regional/national/international regulations.

Other hazards

No OSHA defined hazard classes.

Other hazards which do not result in classification:

May be sensitive to static discharge. Burning produces obnoxious and toxic fumes.

Ingestion can cause gastrointestinal irritation, nausea, and diarrhea. Prolonged or repeated contact may cause drying, cracking and defatting of the skin.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Mixture

Chemical name	CAS#	Concentration (% by weight)
tert-Butyl acetate	540-88-5	50.84
n-Butyl alcohol	71-36-3	40.18
N-(3-(Trimethoxysilyl)propyl)-ethylene	1760-24-3	8.97

SECTION 4. FIRST-AID MEASURES

Description of first aid measures

Ingestion: IF SWALLOWED: Immediately call a POISON CENTRE or doctor/physician. Do NOT induce vomiting. If vomiting occurs spontaneously, keep victim's head lowered (forward) to reduce the risk of aspiration.

Inhalation: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTRE or doctor/physician if you feel unwell.

Skin contact: IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

Eye contact: In case of eye contact, remove contact lens and rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Get medical attention if irritation develops and persists.

Most important symptoms and effects, both acute and delayed: Harmful if inhaled. May cause respiratory irritation. Symptoms may include upper respiratory irritation, coughing and breathing difficulties. May cause drowsiness and dizziness. Symptoms may include pain, headache, nausea, vomiting, dizziness, drowsiness, and other central nervous system effects. Causes skin irritation. Symptoms may include redness, itching and swelling. Causes serious eye damage. Symptoms may include redness, pain, tearing and conjunctivitis. Harmful if swallowed. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea. May cause an allergic skin reaction.

Indication of any immediate medical attention and special treatment needed:

Treat symptomatically. This product is a CNS depressant.

SECTION 5. FIRE-FIGHTING MEASURES

Extinguishing media



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Suitable extinguishing media:

Use water spray, alcohol-resistant foam, dry chemical, or carbon dioxide.

Unsuitable extinguishing media:

Do not use water jet, as this may spread burning material.

Special hazards arising from the substance or mixture / Conditions of flammability:

Highly flammable liquid and vapor. This product will accumulate static charge by flow, splashing or agitation. Vapors may travel considerable distance to a source of ignition and flash back. Vapours are heavier than air and collect in confined and low-lying areas. Product may float, and be re-ignited at the water's surface. Closed containers may rupture if exposed to excess heat or flame due to a build-up of internal pressure.

Flammability classification (OSHA 29 CFR 1910.106):

Flammable Liquids - Category 2

Hazardous combustion products:

Carbon oxides; acetic acid; tert-butanol.

Special protective equipment and precautions for firefighters

Protective equipment for fire-fighters:

Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA. Firefighters should wear proper protective equipment and self-contained breathing apparatus with full face piece operated in positive pressure mode.

Special fire-fighting procedures:

Move containers from fire area if safe to do so. Use water spray to cool unopened containers. Avoid spreading burning liquid with water spray used for cooling purposes. Do not allow run-off from firefighting to enter drains or water courses. Prevent fire extinguishing water from contaminating surface water or the ground water system.

Dike for water control.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment, and emergency procedures:

Environmental precautions:

Immediately evacuate personnel to safe areas. Keep people away from and upwind of spill/leak. Avoid breathing vapour or mist. Restrict access to area until completion of clean-up. Remove all sources of ignition. All persons dealing with the clean-up should wear the appropriate personal protective equipment. For personal protection see section 8.

Avoid release to the environment. Avoid discharge into drains, water courses or onto the ground. For large spills, dike the area to prevent spreading.

Methods and material for containment and cleaning up:

Ventilate the area. Remove all sources of ignition. Prevent further leakage or spillage if safe to do so. Use only non-sparking tools. For spilled liquids: absorb spill with inert, non-combustible material such as sand, then place into suitable containers. Do not use combustible absorbents, such as sawdust. Bond and ground transfer containers and equipment to avoid static accumulation. Contaminated absorbent material may pose the same hazards as the spilled product. Pick up and transfer to properly labeled containers. Contact the proper local authorities.

Special spill response procedures:

In case of a transportation accident, in the United States contact CHEMTREC at 1-800-424-9300.

EPA/CERCLA Reportable quantity (RQ):

n-Butyl alcohol & tert-butyl acetate (5000 lbs / 2270 kg)

SECTION 7. HANDLING AND STORAGE

Precautions for safe handling:

Keep away from heat and flame. Use only outdoors or in a well-ventilated area. Keep container tightly closed. Bond and ground transfer containers and equipment. Use explosion-proof electrical and ventilating equipment. Use non-sparking tools. Take precautionary measures against static discharge. Wear protective gloves and eye/face protection. Avoid breathing vapour or mist. Do not ingest. Avoid contact with skin, eyes, and clothing. Avoid contact with incompatible materials. Contaminated work clothing must not be allowed out of the workplace. Persons with recurrent skin eczema or sensitization problems should be excluded from working with this product. Once a person is sensitized, no further exposure to the material that caused the sensitization should be permitted.

Conditions for safe storage:

Store in well-ventilated place. Keep cool. Store locked up. Keep container tightly closed. Store away from incompatibles and out of direct sunlight. Take measures to prevent the buildup of electrostatic charge. Storage area should be clearly identified, clear of obstruction and accessible only to trained and authorized personnel. Inspect periodically for damage or leaks. No smoking in the area.



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Incompatible materials:

Strong oxidizers, acids, and bases.

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limits:

Chemical Name	ACGIH	TLV	OSHA	OSHA PEL			
Chemical Name	TWA	STEL	PEL	STEL			
tert-Butyl acetate	200 ppm	N/Av	200 ppm; 950 mg/m³	N/Av			
n-Butyl alcohol	20 ppm	N/Av	100 ppm (300 mg/m³)	N/Av			
N-(3-(Trimethoxysilyl)propyl)-ethylene	N/Av	N/Av	N/Av	N/Av			

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Exposure controls

Ventilation and engineering measures:

Use only outdoors or in a well-ventilated area. Apply technical measures to comply with the occupational exposure limits. Where reasonably practicable this should be achieved using local exhaust ventilation and good general extraction. Use explosion-proof equipment. In case of insufficient ventilation wear suitable respiratory equipment.

Respiratory protection:

If engineering controls and work practices are not effective in controlling exposure to this material, then wear suitable approved respiratory protection. If the TLV is exceeded, a NIOSH/MSHA-approved respirator is advised. Respirators should be selected based on the form and concentration of contaminants in air, and in accordance with OSHA (29 CFR 1910.134) or CSA Z94.4-02.

Skin protection:

Wear protective gloves. Where extensive exposure to product is possible, use resistant coveralls, apron, and boots to prevent contact. The suitability for a specific workplace should be discussed with the producers of the protective gloves.

Eve / face protection:

Chemical splash goggles are recommended.

Other protective equipment:

Ensure that eyewash stations and safety showers are close to the workstation location. Other equipment may be required depending on workplace standards.

General hygiene considerations

Avoid breathing vapour or mist. Avoid contact with skin, eyes, and clothing. Do not eat, drink, smoke or use cosmetics while working with this product. Upon completion of work, wash hands before eating, drinking, smoking or use of toilet facilities. Remove and wash contaminated clothing before re-use. Do not take contaminated clothing home. Handle in accordance with good industrial hygiene and safety practice.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : Clear liquid.
Odour : Solvent odor.
Ph : N/Av
Melting/Freezing point : N/Av

Initial boiling point and boiling range : 98.0° - 128.33°C (208.4° - 263.0°F) Flash point : 4.0° - 85°C (39.2° - 185.0°F)

Flashpoint (Method) : Closed cup

Evaporation rate (BuAe = 1) : 1.239 times faster than n-Butyl acetate

Flammability (solid, gas) N/Ap Lower flammable limit (% by vol.) 1.4 Upper flammable limit (% by vol.) 11.2 Oxidizing properties None known. Explosive properties Not explosive Vapour pressure Vapour density N/Av Relative density / Specific gravity 0.85482 Weight per gallon 8.01 lbs Solubility in water N/Ap Other solubility(ies) N/Av

Partition coefficient: n-octanol/water or Coefficient of water/oil distribution

: N/Av Auto-ignition temperature : N/Av Decomposition temperature : N/Av

Viscosity : 300 cSt at 40°C 20.7%



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Volatiles (% by weight) : 20.7%
Volatiles (% by volume) : 24.8%
Volatile organic Compounds (VOC's) : 5.72 lbs/gal

Other physical/chemical comments : None reported by the manufacturer.

SECTION 10. STABILITY AND REACTIVITY

Reactivity: Not normally reactive.

Chemical stability: Stable under normal conditions.

Possibility of hazardous reactions : Hazardous polymerization does not occur. May be sensitive to static discharge.

Conditions to avoid: Keep away from heat, sparks, and flame. Take precautionary measures against static discharge. Keep away from

direct sunlight. Ensure adequate ventilation, especially in confined areas. Avoid contact with incompatible materials.

Incompatible materials: Strong oxidizers, acids, and bases.

Hazardous decomposition products: None reported by the manufacturer. In the event of fire, the following can be released: Carbon oxides; Other unidentified organic compounds.

SECTION 11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure:

Routes of entry inhalation: YESRoutes of entry skin & eye: YESRoutes of entry Ingestion: YESRoutes of exposure skin absorption: NO

Potential Health Effects:

Signs and symptoms of short-term (acute) exposure

Sign and symptoms Inhalation: Harmful if inhaled. May cause respiratory irritation. Symptoms may include sore throat, running nose and shortness of breath. Inhalation may cause headache, nausea, and central nervous effects such as dizziness, coordination difficulties and unconsciousness.

Sign and symptoms ingestion: Harmful if swallowed. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea. Causes symptoms like those listed for inhalation.

Sign and symptoms skin: This material is classified as hazardous under U.S. OSHA regulations (29CFR 1910.1200) (Hazcom 2012) and Canadian WHMIS regulations (Hazardous Products Regulations) (WHMIS 2015). Classification: Skin Irritation - Category 2 Causes skin irritation. Symptoms may include mild redness and swelling.

Sign and symptoms eyes: This material is classified as hazardous under U.S. OSHA regulations (29CFR 1910.1200) (Hazcom 2012) and Canadian WHMIS regulations (Hazardous Products Regulations) (WHMIS 2015). Classification: Serious eye damage/eye irritation - Category 1 Causes serious eye damage. Symptoms may include stinging sensation, tearing, conjunctivitis and possibly corneal damage.

Potential Chronic Health Effects: Prolonged or repeated contact may cause drying, cracking and defatting of the skin.

Mutagenicity: Not expected to be mutagenic in humans.

Carcinogenicity: No components present at greater than 0.1% are a carcinogen by IARC, ACGIH, NTP, or OSHA.

Reproductive effects & Teratogenicity: This product is not expected to cause reproductive or developmental effects.

Sensitization to material: This material is classified as hazardous under U.S. OSHA regulations (29CFR 1910.1200) (Hazcom 2012) and Canadian WHMIS regulations (Hazardous Products Regulations) (WHMIS 2015). Classification: Skin sensitization - Category 1A May cause an allergic skin reaction.

Not expected to be a respiratory sensitizer.

Specific target organ effects: Eyes, skin, respiratory system, digestive system, central nervous system.

This material is classified as hazardous under U.S. OSHA regulations (29CFR 1910.1200) (Hazcom 2012) and Canadian WHMIS regulations (Hazardous Products Regulations) (WHMIS 2015). Classification:

Specific Target Organ Toxicity, Single Exposure -Category 3 (respiratory) May cause respiratory irritation.

Specific Target Organ Toxicity, Single Exposure - Category 3 narcotic effects May cause drowsiness and dizziness.

Not classified as specific target organ toxicity-repeated exposure.

Not classified as a specific target organ toxicity - repeated exposure.

Medical conditions aggravated by overexposure: Pre-existing skin, eye, respiratory and central nervous system disorders.

Synergistic materials: None reported by the manufacturer.

Toxicological data: There is no available data for the product itself, only for the ingredients. See below for individual ingredient acute toxicity data.

ATE oral = 1470.85 mg/kg

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ATE inhalation (vapours) = 4.08 mg/L

Chemical name	LC50(4hr)	LD50			
Chemical name	inh, rat	(Oral, rat)	(Rabbit, dermal)		
tert-Butyl acetate	>2230 mg/m³	4100 mg/kg	>2000 mg/kg		
n-Butyl alcohol	8000 ppm (24.3 mg/L) (vapour)	790 - 4360 mg/kg	3402 mg/kg		
N-(3-(Trimethoxysilyl)propyl)-ethylene	> 1.49, < 2.44 mg/L (aerosol)	1897 mg/kg	16 160 mg/kg		

Other important toxicological hazards

: None known or reported by the manufacturer.

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity: Contains material that may be harmful in the environment. Should not be released into the environment. See the following tables for the substance's ecotoxicity data.

Ecotoxicity data:

In over diente	CAS No	Toxicity to Fish				
Ingredients	CAS NO	LC50 / 96h	NOEC / 21 day	M Factor		
tert-Butyl acetate	540-88-5	240mg/L (Rainbow trout)	N/Av	None.		
n-Butyl alcohol	71-36-3	1376 mg/L (Fathead minnow)	N/Av	None.		
N-(3-(Trimethoxysilyl)propyl)-ethylene	1760-24-3	> 100 mg/L (Rainbow trout)	N/Av	None.		

lu ava di auta	CASNo	Toxicity to Daphnia				
Ingredients	CAS No	EC50 / 48h	NOEC / 21 day	M Factor		
tert-Butyl acetate	540-88-5	350 mg/L (Daphnia magna)	N/Av	None.		
n-Butyl alcohol	71-36-3	1328 mg/L (Daphnia magna)	4.1 mg/L	None.		
N-(3-(Trimethoxysilyl)propyl)-ethylene	1760-24-3	90 mg/L (Daphnia magna)	≥ 1 mg/L	None.		

Ingradianta	CAS No	Toxicity to Algae				
Ingredients	CAS NO	EC50 / 96h or 72h	NOEC / 96h or 72h	M Factor		
tert-Butyl acetate	540-88-5	16 mg/L (Green algae)	2.3 mg/L (Green algae)	None.		
n-Butyl alcohol	71-36-3	225 mg/L/96hr (Green algae)	129 mg/L/96hr	None.		
N-(3-(Trimethoxysilyl)propyl)-ethylene	1760-24-3	8.8 mg/L/72hr (Green algae)	3.1 mg/L/72hr	None.		

Persistence and degradability

: No data is available on the product itself.

Bioaccumulation potential: No data is available on the product itself.

Components	Partition coefficient n-octanol/water (log Kow)	Bioconcentration factor (BCF)		
tert-Butyl acetate	1.38	7		
n-Butyl alcohol	0.88	0.64 species: freshwater fish		
N-(3-(Trimethoxysilyl)propyl) -ethylene	1.67	N/Av		

 $\begin{tabular}{ll} \textbf{Mobility in soil} & : & No \ data \ is \ available \ on \ the \ product \ itself. \end{tabular}$

Other Adverse Environmental effects

: None known or reported by the manufacturer.



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SECTION 13. DISPOSAL CONSIDERATIONS

Handling for Disposal: Handle in accordance with good industrial hygiene and safety practice. Refer to protective measures listed in sections 7 and 8.

Methods of Disposal RCRA: Dispose in accordance with all applicable regulations.

If this product, as supplied, becomes a waste in the United States, it may meet the criteria of a hazardous waste as defined under RCRA, Title 40 CFR 261. It is the responsibility of the waste generator to determine the proper waste identification and disposal method. For disposal of unused or waste material, check with local, state, and federal environmental agencies.

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SECTION 14 - TRANSPORTER CONSIDERATIONS

Regulatory Information	UN Number	UN proper shipping name	Transport hazard class(es)	Packing Group	Label					
49CFR/DOT	UN1263	PAINT	3	II	FLAMMABLE 3					
Additional information		ted as a limited quantity the maximum net capacity specifications may be increased to 5L (1.3 gallons) 172.102(C)(1)								
TDG	UN1263	PAINT	3	II	FLAMMABLE					
Additional information		od as Limited Quantity when transported in containers no la og gross mass. ERG #128	rger than 5.0 Li	itres; in pac	kages not					
IMDG	UN1263	PAINT (including paint, lacquer, enamel, stain, shellac, varnish, polish, liquid filler and liquid laquer base)	3	II	FLAMMABLE					
Additional information		d as a Limited Quantity when transported in containers no	larger than 5 L	(1.3 gallons	s); in packages not					
ICAO/IATA	UN1263	Paint	3	II	FLAMMABLE					
Additional information	Refer to ICAO	Refer to ICAO/IATA packing instruction.								

Special precautions for user: Keep away from heat, sparks, and open flame. - No smoking.

Environmental hazards: See ECOLOGICAL INFORMATION, Section 12.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code: Not available.

SECTION 15 - REGULATORY INFORMATION

US Federal Information: Components listed below are present on the following U.S. Federal chemical lists:

Ingredients	CAS#	TSCA	CERCLA Reportable Quantity (RQ) (40	SARA TITLE III: Sec. 302, Extremely Hazardous	SARA TITLE III: Sec. 313, 40 CFR 372, Specific Toxic Chemical		
		Inventory	CFR 117.302):	Substance, 40 CFR 355:	Toxic Chemical	de minimus Concentration	
tert-Butyl acetate	540-88-5	Yes	5000 lb final RQ (listed under Butyl acetate); 2270 kg final RQ (listed under Butyl acetate)	N/Av	No	N/Ap	
n-Butyl alcohol	71-36-3	Yes	5000 lb/ 2270 kg	None.	Yes	1%	



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N-(3-(Trimethoxysilyl)propyl)- ethylene	1760-24-3	Yes	None.	None.	No	N/Ap	
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SARA TITLE III: Sec. 311 and 312, SDS Requirements, 40 CFR 370 Hazard Classes: Fire Hazard; Acute Health Hazard. Under SARA Sections 311 and 312, the EPA has established threshold quantities for the reporting of hazardous chemicals. The current thresholds are 500 pounds for the threshold planning quantity (TPQ), whichever is lower, for extremely hazardous substances and 10,000 pounds for all other hazardous chemicals.

US State Right to Know Laws:

The following chemicals are specifically listed by individual States:

Ingredients	040#	California Proposition 65		State "Right to Know" Lists					
	CAS#	Listed	Type of Toxicity	CA	MA	MN	NJ	PA	RI
tert-Butyl acetate	540-88-5	No	N/Ap	Yes	Yes	Yes	Yes	Yes	Yes
n-Butyl alcohol	71-36-3	No	N/Ap	Yes	Yes	Yes	Yes	Yes	Yes
N-(3-(Trimethoxysilyl)propyl)-ethylene	1760-24-3	No	N/Ap	No	No	No	No	No	No

Canadian Information:

Canadian Environmental Protection Act (CEPA) information: All ingredients listed appear on the Domestic Substances List (DSL). WHMIS Classification: See Section 2.

International Information:

Components listed below are present on the following International Inventory list:

Ingredients	CAS#	European EINECs	Australia AICS	Philippines PICCS	Japan ENCS	Korea KECI/KECL	China IECSC	New Zealand IOC
tert-Butyl acetate	540-88-5	208-760-7	Present	Present	(2)-735; (2)-731	KE-04180	Present	HSR001094
n-Butyl alcohol	71-36-3	200-751-6	Present	Present	(2)-3049	KE-03867	Present	HSR001096
N-(3-Trimethoxysily) propyl)-ethylene	1760-24-3	217-164-6	Present	Present	(2)-2083; (2)-2059	KE-34385	Present	HSR003831

SECTION 16. OTHER INFORMATION

Legend:

ACGIH: American Conference of Governmental Industrial Hygienists

AICS: Australian Inventory of Chemical Substances

CA: California

CAS: Chemical Abstract Services

CERCLA: Comprehensive Environmental Response, Compensation, and Liability Act of 1980

CFR: Code of Federal Regulations CSA: Canadian Standards Association DOT: Department of Transportation EC50: Effective Concentration 50%.

EINECS: European Inventory of Existing Commercial chemical Substances

ENCS: Existing and New Chemical Substances EPA: Environmental Protection Agency HMIS: Hazardous Materials Identification System

HSDB: Hazardous Substances Data Bank IARC: International Agency for Research on Cancer IECSC: Inventory of Existing Chemical Substances IMDG: International Maritime Dangerous Goods

Inh: Inhalation

KECI: Korean Existing Chemicals Inventory KECL: Korean Existing Chemicals List

LC: Lethal Concentration LD: Lethal Dose N/Ap: Not Applicable



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N/Av: Not Available

NFPA: National Fire Protection Association

NJ: New Jersey

NIOSH: National Institute of Occupational Safety and Health

NOEC: No observable effect concentration

NTP: National Toxicology Program

OECD: Organization for Economic Co-operation and Development

OSHA: Occupational Safety and Health Administration

PA: Pennsylvania

PEL: Permissible exposure limit

PICCS: Philippine Inventory of Chemicals and Chemical Substances

RCRA: Resource Conservation and Recovery Act

RTECS: Registry of Toxic Effects of Chemical Substances SARA: Superfund Amendments and Reauthorization Act

STEL: Short Term Exposure Limit

TDG: Canadian Transportation of Dangerous Goods Act & Regulations

TLV: Threshold Limit Values TPQ: Threshold Planning Quantity TSCA: Toxic Substance Control Act TWA: Time Weighted Average

WHMIS: Workplace Hazardous Materials Identification System

References

Canadian Centre for Occupational Health and Safety, CCInfoWeb databases, 2015 (Chempendium, RTECs, HSDB, INCHEM). OECD- The Global Portal to Information on Chemical Substances - eChemPortal, 2015

European Chemicals Agency, Classification Legislation, 2015 Material Safety Data Sheet from manufacturer.

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Other special considerations for handling: Provide adequate information, instruction, and training for operators.

Dampney Company, Inc. 85 Paris Street Everett MA 02149 U.S.A Telephone: (617) 389-2805



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