

SAFETY DATA SHEET

according to the OSHA Hazard Communication Standard



WABO PRIMALUB ADHESIVE

Version	Revision Date:	SDS Number:	Date of last issue: 04/19/2022
2.0	05/02/2024	000000260428	Date of first issue: 04/19/2022

SECTION 1. IDENTIFICATION

Product name : WABO PRIMALUB ADHESIVE

Product code : 000000000051273620

Other means of identification : Part #2720

Manufacturer or supplier's details

Company name of supplier : Watson Bowman Acme Corp.

Address : 95 Pineview Drive
Amherst, NY 14228

Emergency telephone : ChemTel: +1-813-248-0585

National Emergency Telephone Number : USA: +1-800-255-3924 ChemTel contract no. MIS9240420

Recommended use of the chemical and restrictions on use

Recommended use : Adhesives and/or sealants

Restrictions on use : Reserved for industrial and professional use.

SECTION 2. HAZARDS IDENTIFICATION

GHS classification in accordance with the OSHA Hazard Communication Standard (29 CFR 1910.1200)

Flammable liquids : Category 3

Skin irritation : Category 2

Eye irritation : Category 2A

Respiratory sensitization : Category 1

Skin sensitization : Category 1

Specific target organ toxicity - single exposure : Category 3 (Respiratory system, Central nervous system)

Specific target organ toxicity - repeated exposure (Inhalation) : Category 2 (Respiratory system, Olfactory organs)

Aspiration hazard : Category 1

Short-term (acute) aquatic hazard : Category 3

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Long-term (chronic) aquatic hazard : Category 3

GHS label elements

Hazard pictograms :



Signal Word : Danger

Hazard Statements : H226 Flammable liquid and vapor.
H304 May be fatal if swallowed and enters airways.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H319 Causes serious eye irritation.
H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H335 May cause respiratory irritation.
H336 May cause drowsiness or dizziness.
H373 May cause damage to organs (Respiratory system, Olfactory organs) through prolonged or repeated exposure if inhaled.
H402 Harmful to aquatic life.
H412 Harmful to aquatic life with long lasting effects.

Precautionary Statements :

Prevention:

P210 Keep away from heat/ sparks/ open flames/ hot surfaces. No smoking.
P233 Keep container tightly closed.
P240 Ground/bond container and receiving equipment.
P241 Use explosion-proof electrical/ ventilating/ lighting/ equipment.
P242 Use only non-sparking tools.
P243 Take precautionary measures against static discharge.
P260 Do not breathe mist or vapors.
P264 Wash skin thoroughly after handling.
P271 Use only outdoors or in a well-ventilated area.
P272 Contaminated work clothing must not be allowed out of the workplace.
P273 Avoid release to the environment.
P280 Wear protective gloves/ eye protection/ face protection.
P285 In case of inadequate ventilation wear respiratory protection.

Response:

P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor.
P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower.
P304 + P340 + P312 IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/ doctor if you feel unwell.

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P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P331 Do NOT induce vomiting.
P333 + P313 If skin irritation or rash occurs: Get medical advice/ attention.
P337 + P313 If eye irritation persists: Get medical advice/ attention.
P342 + P311 If experiencing respiratory symptoms: Call a POISON CENTER/ doctor.
P362 Take off contaminated clothing and wash before reuse.
P370 + P378 In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish.

Storage:

P403 + P233 Store in a well-ventilated place. Keep container tightly closed.
P403 + P235 Store in a well-ventilated place. Keep cool.
P405 Store locked up.

Disposal:

P501 Dispose of contents/ container to an approved waste disposal plant.

Other hazards

Contains isocyanates. Inhalation of isocyanate mists or vapors may cause respiratory irritation, breathlessness, chest discomfort and reduced pulmonary function. Overexposure well above the PEL may result in bronchitis, bronchial spasms and pulmonary edema. Animal tests indicate that skin contact may play a role in causing respiratory sensitization.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical nature : Isocyanates
solvent(s)

Components

Chemical name	CAS-No.	Concentration (% w/w)
Distillates (petroleum)	64742-47-8	>= 10 - < 20
Diphenylmethane-4,4'-diisocyanate (MDI)	101-68-8	>= 10 - < 20
Solvent naphtha (petroleum), light arom.	64742-95-6	>= 5 - < 10
Silica, amorphous, fumed, cryst.-free	112945-52-5	>= 1 - < 5
diphenylmethane-2,4'-diisocyanate	5873-54-1	>= 1 - < 5
1,2,4-trimethylbenzene	95-63-6	>= 1 - < 5
Titanium dioxide	13463-67-7	>= 0.1 - < 1
Methylenediphenyl diisocyanate	26447-40-5	>= 0.1 - < 1
cumene	98-82-8	>= 0.1 - < 1

Actual concentration is withheld as a trade secret

SECTION 4. FIRST AID MEASURES

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- | | | |
|---|---|--|
| General advice | : | First aid personnel should pay attention to their own safety.
Remove contaminated clothing. |
| If inhaled | : | If difficulties occur after vapour/aerosol has been inhaled,
remove to fresh air and seek medical attention. |
| In case of skin contact | : | Wash affected areas thoroughly with soap and water.
If irritation develops, seek medical attention. |
| In case of eye contact | : | In case of contact, immediately flush eyes with plenty of water
for at least 15 minutes.
Remove contact lenses.
Protect unharmed eye.
Keep eye wide open while rinsing.
Immediate medical attention required. |
| If swallowed | : | Immediately rinse mouth and then drink 200-300 ml of water,
seek medical attention.
Do not induce vomiting unless told to by a poison control cen-
ter or doctor. |
| Most important symptoms
and effects, both acute and
delayed | : | May be fatal if swallowed and enters airways.
Causes skin irritation.
May cause an allergic skin reaction.
Causes serious eye irritation.
May cause allergy or asthma symptoms or breathing difficul-
ties if inhaled.
May cause respiratory irritation.
May cause drowsiness or dizziness.
May cause damage to organs through prolonged or repeated
exposure if inhaled. |
| Notes to physician | : | Treat symptomatically. |

SECTION 5. FIRE-FIGHTING MEASURES

- | | | |
|---|---|--|
| Suitable extinguishing media | : | Alcohol-resistant foam
Carbon dioxide (CO ₂)
Dry chemical |
| Unsuitable extinguishing
media | : | High volume water jet |
| Hazardous combustion prod-
ucts | : | nitrous gases
fumes/smoke
isocyanate
vapor |
| Further information | : | Keep containers cool by spraying with water if exposed to fire.
Dispose of fire debris and contaminated extinguishing water in
accordance with official regulations. |
| Special protective equipment
for fire-fighters | : | Firefighters should be equipped with self-contained breathing
apparatus and turn-out gear. |

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SECTION 6. ACCIDENTAL RELEASE MEASURES

- Personal precautions, protective equipment and emergency procedures : Clear area.
Ensure adequate ventilation.
Do not breathe vapour/aerosol/spray mists.
Wear suitable personal protective clothing and equipment.
Avoid contact with the skin, eyes and clothing.
Avoid all sources of ignition: heat, sparks, open flame.
- Environmental precautions : Prevent spread over a wide area (e.g. by containment or oil barriers).
Contain contaminated water/firefighting water.
Do not discharge into drains/surface waters/groundwater.
- Methods and materials for containment and cleaning up : Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13).
Move container to a well-ventilated area (outside).
Spill area can be decontaminated with the following recommended decontamination solution:
Mixture of 90 % water, 5-8 % household ammonia, 2-5 % detergent.
Add at a 10 to 1 ratio.
Allow solution to stand for at least 10 minutes.

SECTION 7. HANDLING AND STORAGE

- Advice on protection against fire and explosion : Sources of ignition should be kept well clear.
Take precautionary measures against static discharges.
Substance/product can form explosive mixture with air.
Vapours are heavier than air and may accumulate in low areas and travel a considerable distance up to the source of ignition.
- Advice on safe handling : Wear appropriate respiratory protection.
Provide suitable exhaust ventilation at the processing machines.
Ensure thorough ventilation of stores and work areas.
Avoid aerosol formation.
Take precautionary measures against static discharges.
Avoid contact with skin and eyes.
Danger of bursting when sealed gastight.
Protect against moisture.
- Conditions for safe storage : Keep away from sources of ignition - No smoking.
Keep away from heat.
Keep container tightly closed in a dry and well-ventilated place.
Containers which are opened must be carefully resealed and

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kept upright to prevent leakage.

Recommended storage temperature : 50 - 90 °F / 10 - 32 °C

Further information on storage stability : Protect from direct sunlight.
PROTECT FROM FREEZING.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Ingredients with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
Distillates (petroleum)	64742-47-8	TWA	200 mg/m ³ (total hydrocarbon vapor)	ACGIH
Diphenylmethane-4,4'-diisocyanate (MDI)	101-68-8	C	0.02 ppm 0.2 mg/m ³	OSHA Z-1
		C	0.02 ppm 0.2 mg/m ³	OSHA P0
		TWA	0.005 ppm 0.05 mg/m ³	NIOSH REL
		C	0.02 ppm 0.2 mg/m ³	NIOSH REL
Solvent naphtha (petroleum), light arom.	64742-95-6	TWA	500 ppm 2,000 mg/m ³	OSHA Z-1
		TWA	200 mg/m ³ (total hydrocarbon vapor)	ACGIH
		TWA	400 ppm 1,600 mg/m ³	OSHA P0
Silica, amorphous, fumed, cryst.-free	112945-52-5	TWA (Dust)	20 Million particles per cubic foot (Silica)	OSHA Z-3
		TWA (Dust)	80 mg/m ³ / %SiO ₂ (Silica)	OSHA Z-3
		TWA	6 mg/m ³ (Silica)	NIOSH REL
diphenylmethane-2,4'-diisocyanate	5873-54-1	C	0.02 ppm 0.2 mg/m ³	OSHA Z-1
		C	0.02 ppm 0.2 mg/m ³	OSHA P0
		TWA	0.005 ppm 0.05 mg/m ³	NIOSH REL
		C	0.02 ppm 0.2 mg/m ³	NIOSH REL
1,2,4-trimethylbenzene	95-63-6	TWA	25 ppm 125 mg/m ³	NIOSH REL
		TWA	25 ppm	OSHA P0

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			125 mg/m3	
		TWA	10 ppm	ACGIH
Titanium dioxide	13463-67-7	TWA (total dust)	15 mg/m3	OSHA Z-1
		TWA (Total dust)	10 mg/m3	OSHA P0
		TWA (Respirable particulate matter)	0.2 mg/m3 (Titanium dioxide)	ACGIH
		TWA (Respirable particulate matter)	2.5 mg/m3 (Titanium dioxide)	ACGIH
Methylenediphenyl diisocyanate	26447-40-5	C	0.02 ppm 0.2 mg/m3	OSHA Z-1
		C	0.02 ppm 0.2 mg/m3	OSHA P0
		TWA	0.005 ppm 0.05 mg/m3	NIOSH REL
		C	0.02 ppm 0.2 mg/m3	NIOSH REL
cumene	98-82-8	TWA	5 ppm	ACGIH
		TWA	50 ppm 245 mg/m3	NIOSH REL
		TWA	50 ppm 245 mg/m3	OSHA Z-1
		TWA	50 ppm 245 mg/m3	OSHA P0

Engineering measures : Ensure adequate ventilation.

Personal protective equipment

Respiratory protection : When atmospheric levels may exceed the occupational exposure limit (PEL or TLV) NIOSH-certified air-purifying respirators equipped with an organic vapor sorbent and particulate filter can be used as long as appropriate precautions and change out schedules are in place.
For emergency or non-routine, high exposure situations, including confined space entry, use a NIOSH-certified full facepiece pressure demand self-contained breathing apparatus (SCBA) or a full facepiece pressure demand supplied-air respirator (SAR) with escape provisions.

Hand protection

Remarks : Wear chemical resistant protective gloves. Manufacturer's directions for use should be observed because of great diversity of types.

Eye protection : Wear safety glasses with side shields or goggles.

Skin and body protection : Body protection must be chosen based on level of activity

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- and exposure.
Antistatic apron
- Protective measures : Do not inhale gases/vapours/aerosols.
Avoid contact with the skin, eyes and clothing.
Avoid exposure - obtain special instructions before use.
Handle in accordance with good building materials hygiene and safety practice.
Wearing of closed work clothing is recommended.
Wear protective clothing as necessary to prevent contact.
Eye wash fountains and safety showers must be easily accessible.
Observe the appropriate PEL or TLV value.
- Hygiene measures : When using, do not eat, drink or smoke.
Hands and/or face should be washed before breaks and at the end of the shift.
At the end of the shift the skin should be cleaned and skin-care agents applied.
Gloves must be inspected regularly and prior to each use.
Replace if necessary (e.g. pinhole leaks).
Wash soiled clothing immediately.
Remove contaminated clothing immediately and clean before re-use or dispose it if necessary.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

- Appearance : liquid
- Color : light gray
- Odor : aromatic
- Odor Threshold : not determined
- pH : Not applicable
- Melting point/freezing point : No data available
- Boiling point : > 212 °F / > 100 °C
- Flash point : 108 °F / 42 °C
- Evaporation rate : No data available
- Flammability (liquids) : Flammable liquid and vapor.

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Upper explosion limit / Upper flammability limit	:	No data available
Lower explosion limit / Lower flammability limit	:	No data available
Vapor pressure	:	No data available
Relative vapor density	:	No data available
Relative density	:	No data available
Density	:	1.02 g/cm ³ (68 °F / 20 °C)
Solubility(ies)		
Water solubility	:	No data available
Solubility in other solvents	:	No data available
Partition coefficient: n-octanol/water	:	Not applicable
Autoignition temperature	:	No data available
Decomposition temperature	:	No decomposition if stored and handled as prescribed/indicated.
Viscosity		
Viscosity, dynamic	:	No data available
Viscosity, kinematic	:	No data available
Explosive properties	:	Not explosive
Oxidizing properties	:	Not an oxidizer.
Sublimation point	:	No data available
Molecular weight	:	Not applicable

SECTION 10. STABILITY AND REACTIVITY

Reactivity	:	No hazardous reactions if stored and handled as prescribed/indicated.
Chemical stability	:	The product is stable if stored and handled as prescribed/indicated.
Possibility of hazardous reactions	:	Vapors may form explosive mixture with air.

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Conditions to avoid	:	Heat, flames and sparks.
Incompatible materials	:	Strong oxidizing agents
Hazardous decomposition products	:	No hazardous decomposition products if stored and handled as prescribed/indicated.

SECTION 11. TOXICOLOGICAL INFORMATION

Acute toxicity

Not classified due to lack of data.

Skin corrosion/irritation

Causes skin irritation.

Serious eye damage/eye irritation

Causes serious eye irritation.

Respiratory or skin sensitization

Skin sensitization

May cause an allergic skin reaction.

Respiratory sensitization

May cause allergy or asthma symptoms or breathing difficulties if inhaled.

Germ cell mutagenicity

Not classified due to lack of data.

Carcinogenicity

Not classified due to lack of data.

IARC	Group 2B: Possibly carcinogenic to humans	
	Titanium dioxide	13463-67-7
	Group 2B: Possibly carcinogenic to humans	
	cumene	98-82-8
NTP	Reasonably anticipated to be a human carcinogen	
	cumene	98-82-8

Reproductive toxicity

Not classified due to lack of data.

STOT-single exposure

May cause respiratory irritation.

May cause drowsiness or dizziness.

STOT-repeated exposure

May cause damage to organs (Respiratory system, Olfactory organs) through prolonged or repeated exposure if inhaled.

Aspiration toxicity

May be fatal if swallowed and enters airways.

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Further information

Product:

Remarks	:	The product has not been tested. The statements on toxicology have been derived from the properties of the individual components.
Remarks	:	Solvents may degrease the skin.

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

Product:

Ecotoxicology Assessment

Acute aquatic toxicity	:	Harmful to aquatic life.
Chronic aquatic toxicity	:	Harmful to aquatic life with long lasting effects.

Persistence and degradability

No data available

Bioaccumulative potential

No data available

Mobility in soil

No data available

Other adverse effects

Product:

Additional ecological information	:	Do not discharge product into the environment without control. The product has not been tested. The statements on ecotoxicology have been derived from the properties of the individual components.
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SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods

Waste from residues	:	Dispose of in accordance with national, state and local regulations. Do not contaminate ponds, waterways or ditches with chemical or used container. Do not discharge into drains/surface waters/groundwater. Residues should be disposed of in the same manner as the substance/product.
Contaminated packaging	:	Empty remaining contents. Dispose of as unused product. Do not re-use empty containers.

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Do not burn, or use a cutting torch on, the empty drum.

SECTION 14. TRANSPORT INFORMATION

International Regulations

UNRTDG

UN number	: UN 1993
Proper shipping name	: FLAMMABLE LIQUID, N.O.S. (SOLVENT NAPHTHA)
Class	: 3
Packing group	: III
Labels	: 3
Environmentally hazardous	: no

IATA-DGR

UN/ID No.	: UN 1993
Proper shipping name	: Flammable liquid, n.o.s. (SOLVENT NAPHTHA)
Class	: 3
Packing group	: III
Labels	: Flammable Liquids
Packing instruction (cargo aircraft)	: 366
Packing instruction (passenger aircraft)	: 355

IMDG-Code

UN number	: UN 1993
Proper shipping name	: FLAMMABLE LIQUID, N.O.S. (SOLVENT NAPHTHA)
Class	: 3
Packing group	: III
Labels	: 3
EmS Code	: F-E, <u>S-E</u>
Marine pollutant	: no

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied.

Domestic regulation

49 CFR

UN/ID/NA number	: UN 1993
Proper shipping name	: Flammable liquids, n.o.s. (SOLVENT NAPHTHA)
Class	: 3
Packing group	: III
Labels	: FLAMMABLE LIQUID
ERG Code	: 128
Marine pollutant	: no

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SECTION 15. REGULATORY INFORMATION

CERCLA Reportable Quantity

Components	CAS-No.	Component RQ (lbs)	Calculated product RQ (lbs)
Diphenylmethane-4,4'-diisocyanate (MDI)	101-68-8	5000	38106
xylene	1330-20-7	100	44404

SARA 313 : The following components are subject to reporting levels established by SARA Title III, Section 313:

Diphenylmethane-4,4'-diisocyanate (MDI)	101-68-8	$\geq 10 - < 20 \%$
1,2,4-trimethylbenzene	95-63-6	$\geq 1 - < 5 \%$
Isocyanic acid, polymethylene-polyphenylene ester (P-MDI)	9016-87-9	$\geq 0.1 - < 1 \%$
cumene	98-82-8	$\geq 0.1 - < 1 \%$

US State Regulations

Pennsylvania Right To Know

Diphenylmethanediisocyanate-prepolymer	103837-45-2
Distillates (petroleum)	64742-47-8
Diphenylmethane-4,4'-diisocyanate (MDI)	101-68-8
Polyisocyanate Prepolymer based on MDI	67815-87-6
Solvent naphtha (petroleum), light arom.	64742-95-6
Silica, amorphous, fumed, cryst.-free	112945-52-5
diphenylmethane-2,4'-diisocyanate	5873-54-1
1,2,4-trimethylbenzene	95-63-6
aluminium oxide	1344-28-1
xylene	1330-20-7
cumene	98-82-8

New Jersey Right To Know

Diphenylmethanediisocyanate-prepolymer	103837-45-2
Distillates (petroleum)	64742-47-8
Diphenylmethane-4,4'-diisocyanate (MDI)	101-68-8
Polyisocyanate Prepolymer based on MDI	67815-87-6
Solvent naphtha (petroleum), light arom.	64742-95-6
diphenylmethane-2,4'-diisocyanate	5873-54-1
1,2,4-trimethylbenzene	95-63-6

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California Prop. 65

WARNING: This product can expose you to chemicals including Distillates (petroleum), which is/are known to the State of California to cause cancer, and toluene, which is/are known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

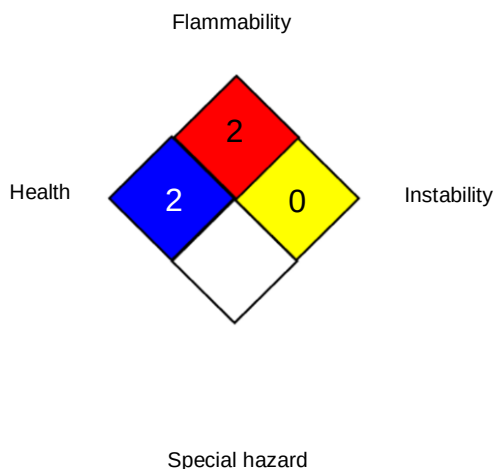
The ingredients of this product are reported in the following inventories:

TSCA	:	All substances listed as active on the TSCA inventory
DSL	:	This product contains one or more components listed on the Canadian NDSL. All other components are on the Canadian DSL.

SECTION 16. OTHER INFORMATION

Further information

NFPA 704:



HMIS® IV:

HEALTH		
FLAMMABILITY		
PHYSICAL HAZARD		

HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. The "*" represents a chronic hazard, while the "/" represents the absence of a chronic hazard.

Full text of other abbreviations

ACGIH	:	USA. ACGIH Threshold Limit Values (TLV)
NIOSH REL	:	USA. NIOSH Recommended Exposure Limits
OSHA P0	:	USA. Table Z-1-A Limits for Air Contaminants (1989 vacated values)
OSHA Z-1	:	USA. Occupational Exposure Limits (OSHA) - Table Z-1 Limits for Air Contaminants
OSHA Z-3	:	USA. Occupational Exposure Limits (OSHA) - Table Z-3 Mineral Dusts
ACGIH / TWA	:	8-hour, time-weighted average
NIOSH REL / TWA	:	Time-weighted average concentration for up to a 10-hour workday during a 40-hour workweek
NIOSH REL / C	:	Ceiling value not be exceeded at any time.
OSHA P0 / TWA	:	8-hour time weighted average

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OSHA P0 / C	: Ceiling limit
OSHA Z-1 / TWA	: 8-hour time weighted average
OSHA Z-1 / C	: Ceiling
OSHA Z-3 / TWA	: 8-hour time weighted average

AIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw - Body weight; CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DOT - Department of Transportation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; EHS - Extremely Hazardous Substance; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; ERG - Emergency Response Guide; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; HMIS - Hazardous Materials Identification System; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; MSHA - Mine Safety and Health Administration; n.o.s. - Not Otherwise Specified; NFPA - National Fire Protection Association; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NTP - National Toxicology Program; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; RCRA - Resource Conservation and Recovery Act; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RQ - Reportable Quantity; SADT - Self-Accelerating Decomposition Temperature; SARA - Superfund Amendments and Reauthorization Act; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TECI - Thailand Existing Chemicals Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative

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The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

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