Safety Data Sheet

Infosafe No™ IMD8Y	Issue Date : March 2020	ISSUED by IMCDAST

Product Name : **Butanox M-50**

Classified as hazardous

1. Identification

GHS Product Identifier Butanox M-50

Product Code 4828212

Company Name HS Composites

Address 63 Hunua Road, Red Hill, Papakura 2110
AKL New Zealand

Telephone/Fax Number Tel: (09) 295 2200

Emergency phone number 0800 764 766

Recommended use of the chemical and restrictions on use Curing agent.

Other Names

Name	Product Code
Butanox M-50	4911178
Butanox M-50	4911290
Butanox M-50	4912525
Butanox M-50	4912732
Butanox M-50	5404165

Additional Information It is the user's responsibility to determine the suitability of this product for their applications and their methods of use.

Other Information
THIS SDS SUMMARISES OUR BEST KNOWLEDGE OF THE HEALTH AND SAFETY HAZARD INFORMATION OF THE PRODUCT AND HOW TO SAFELY HANDLE AND USE THE PRODUCT IN THE WORKPLACE. EACH USER MUST REVIEW THIS SDS IN THE CONTEXT OF HOW THE PRODUCT WILL BE HANDLED AND USED IN THE WORKPLACE.
IF CLARIFICATION OR FURTHER INFORMATION IS NEEDED TO ENSURE THAT AN APPROPRIATE RISK ASSESSMENT CAN BE MADE, THE USER SHOULD CONTACT THIS COMPANY SO WE CAN ATTEMPT TO OBTAIN ADDITIONAL INFORMATION FROM OUR SUPPLIERS.
OUR RESPONSIBILITY FOR PRODUCTS SOLD IS SUBJECT TO OUR STANDARD TERMS AND CONDITIONS, A COPY OF WHICH IS SENT TO OUR CUSTOMERS AND IS ALSO AVAILABLE ON REQUEST.

2. Hazard Identification

GHS classification of the substance/mixture Classified as Hazardous according to the Globally Harmonised System of Classification and Labelling of Chemicals (GHS) including Work, Health and Safety Regulations, Australia.
Organic Peroxides: Type D
Acute Toxicity - Oral: Category 4
Skin Corrosion/Irritation: Category 1B
Eye Damage/Irritation: Category 1
Acute Toxicity - Inhalation: Category 4
STOT Single Exposure: Category 3 (respiratory tract irritation)
Germ Cell Mutagenicity: Category 2
Hazardous to the Aquatic Environment - Acute Hazard: Category 2

Signal Word (s) DANGER

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Hazard Statement (s)
H242 Heating may cause a fire.
H302 Harmful if swallowed.
H314 Causes severe skin burns and eye damage.
H318 Causes serious eye damage.
H332 Harmful if inhaled.
H335 May cause respiratory irritation.
H341 Suspected of causing genetic defects .
H401 Toxic to aquatic life.

Pictogram (s)
Flame,Exclamation mark,Corrosion,Health hazard

Precautionary statement - Prevention
P201 Obtain special instructions before use.
P202 Do not handle until all safety precautions have been read and understood.
P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
P220 Keep/Store away from clothing//combustible materials.
P234 Keep only in original container.
P260 Do not breathe dust/fume/gas/mist/vapours/spray.
P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
P264 Wash contaminated skin thoroughly after handling.
P270 Do not eat, drink or smoke when using this product.
P271 Use only outdoors or in a well-ventilated area.
P273 Avoid release to the environment.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P281 Use personal protective equipment as required.

Precautionary statement - Response
P301+P312 IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
P301+P330+P331 IF SWALLOWED: rinse mouth. Do NOT induce vomiting.
P303+P361+P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
P304+P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P308+P313 IF exposed or concerned: Get medical advice/attention.
P310 Immediately call a POISON CENTER or doctor/physician.
P312 Call a POISON CENTER or doctor/physician if you feel unwell.
P330 Rinse mouth.
P363 Wash contaminated clothing before reuse.

Precautionary statement - Storage
P403+P233 Store in a well-ventilated place. Keep container tightly closed.
P405 Store locked up.
P410 Protect from sunlight.
P411+P235 Store at temperatures not exceeding 25 °C Keep cool.
P420 Store away from other materials.

Precautionary statement - Disposal
P501 Dispose of contents and container according to local regulations.

3. Composition/information on ingredients

Ingredients	Name	CAS	Proportion
	Dimethylphthalate	131-11-3	55-70 %
	Methyl ethyl ketone peroxide	1338-23-4	30-37 %
	Methyl ethyl ketone	78-93-3	1-<5 %

Other Information There are no additional ingredients present which, within the current

knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health and hence require reporting in this section.

4. First-aid measures

First Aid Measures

You should call The Poisons Information Centre if you feel that you may have been poisoned, burned or irritated by this product. The number is 13 1126 from anywhere in Australia (0800 764 766 in New Zealand) and is available at all times. Have the SDS with you when you call. General advice:

Immediate medical attention is required.
Move out of dangerous area.
Show this safety data sheet to the doctor in attendance.

Inhalation

If breathed in, move person into fresh air.
Consult a physician after significant exposure.

Ingestion

Clean mouth with water and drink afterwards plenty of water.
Never give anything by mouth to an unconscious person.
Take victim immediately to hospital.
Do not induce vomiting! May cause chemical burns in mouth

Skin

Take off contaminated clothing and shoes immediately.
Rinse immediately with plenty of water.
Immediate medical treatment is necessary as untreated wounds from corrosion of the skin heal slowly and with difficulty. Rinse with plenty of water.

Eye contact

Get medical attention immediately. Continue to rinse during transport.
Remove contact lenses.
Protect unharmed eye.
Keep eye wide open while rinsing.
Small amounts splashed into eyes can cause irreversible tissue damage and blindness.

Indication of immediate medical attention and special treatment needed if necessary

Treat symptomatically.

Most important symptoms/effects, acute and delayed

The symptoms and effects are as expected from the hazards as shown in section 2. No specific product related symptoms are known. Risks:
Harmful if swallowed or if inhaled.
Causes serious eye damage.
Causes severe burns.

5. Fire-fighting measures

Fire Fighting Measures

Use water spray to cool unopened containers.
Collect contaminated fire extinguishing water separately. This must not be discharged into drains.
Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

Suitable extinguishing media

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

Hazards from Combustion Products

Fire will produce smoke containing hazardous combustion products

Special Protective Equipment for fire fighters

In the event of fire, wear self-contained breathing apparatus.

Specific hazards arising from the chemical

CAUTION: reignition may occur.
Supports combustion.
Water spray may be ineffective unless used by experienced firefighters.
Do not allow run-off from fire fighting to enter drains or water courses.

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	Hazardous decomposition products formed under fire conditions.
Hazchem Code	2WE
Decomposition Temp.	SADT - (Self accelerating decomposition temperature) is the lowest temperature at which self accelerating decomposition may occur with a substance in the packaging as used in transport. A dangerous self-accelerating decomposition reaction and, under certain circumstances, explosion or fire can be caused by thermal decomposition at and above the SADT. Contact with incompatible substances can cause decomposition below the SADT.

6. Accidental release measures

Emergency Procedures	Evacuate personnel to safe areas. Only qualified personnel equipped with suitable protective equipment may intervene. Prevent unauthorised persons entering the zone.
Methods and materials for containment and cleaning up Personal Precautions	Soak up with inert absorbent material and dispose of as hazardous waste. Keep wetted with water. Confinement must be avoided. Never return spills in original containers for re-use. Use personal protective equipment. Wear respiratory protection. Ensure adequate ventilation. Remove all sources of ignition. Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas. Prevent product from entering drains.
Environmental Precautions	If the product contaminates rivers and lakes or drains inform respective authorities.

7. Handling and storage

Precautions for Safe Handling	Advice on safe handling For personal protection see section 8. Avoid formation of aerosol. Do not breathe vapours or spray mist. Smoking, eating and drinking should be prohibited in the application area. Provide sufficient air exchange and/or exhaust in work rooms. Open drum carefully as content may be under pressure. Dispose of rinse water in accordance with local and national regulations. Advice on protection against fire and explosion Use explosion protected equipment. Keep away from sources of ignition - No smoking. No sparking tools should be used. Keep away from reducing agents (e.g. amines), acids, alkalies and heavy metal compounds (e.g. accelerators, driers, metal soaps). Do not cut or weld on or near this container even when empty. Keep away from combustible material.
Conditions for safe storage, including any incompatibilities	No smoking. Keep in a well-ventilated place. Electrical installations / working materials must comply with the technological safety standards. Keep only in original container. Store away from other materials.
Storage Temperatures	Maximum storage temperature : 25°C. Maximum storage temperature is for quality only.

8. Exposure controls/personal protection

Exposure Controls, Personal Protection	The following Australian and New Zealand Standards will provide general advice regarding safety clothing and equipment: Respiratory equipment: AS/NZS 1715, Protective Gloves: AS/NZS 2161, Industrial Clothing: AS 2919, Industrial Eye Protection: AS/NZS 1336 and AS/NZS 1337,

Occupational Protective Footwear: AS/NZS 2210.

	mg/m3	ppm	mg/m3	ppm	Footnote
Dimethylphthalate			5		
Methyl ethyl ketone peroxide			1.5	0.2	Peak limitation
Methyl ethyl ketone	890	300	445	150	

Appropriate engineering controls
Explosion proof ventilation recommended.
Effective exhaust ventilation system
Ensure that eyewash stations and safety showers are close to the workstation location.

Respiratory Protection
In the case of vapour or aerosol formation use a respirator with an approved filter.

Eye Protection
Tightly fitting safety goggles
Wear face-shield and protective suit for abnormal processing problems.

Hand Protection
Neoprene
Nitrile rubber
Breakthrough time is not determined for the product. Change gloves often! butyl-rubber
Break through time: >= 480 min
Glove thickness: 0.5 mm
The data about break through time/strength of material are standard values!
The exact break through time/strength of material has to be obtained from the producer of the protective glove.

Body Protection
Wear suitable protective clothing.

Hygiene Measures
Handle in accordance with good industrial hygiene and safety practice.
When using do not eat or drink.
When using do not smoke.
Wash hands before breaks and at the end of workday.

Other Information
Prevent product from entering drains.
If the product contaminates rivers and lakes or drains inform respective authorities.

9. Physical and chemical properties

Form Liquid

Appearance Clear, colourless.

Odour Faint.

Decomposition Temperature
SADT - (Self accelerating decomposition temperature) is the lowest temperature at which self accelerating decomposition may occur with a substance in the packaging as used in transport. A dangerous self-accelerating decomposition reaction and, under certain circumstances, explosion or fire can be caused by thermal decomposition at and above the SADT. Contact with incompatible substances can cause decomposition below the SADT. No data available

Melting Point

Boiling Point Decomposes below the boiling point.

Solubility in Water at 20 °C partly miscible

Solubility in Organic Solvents 20 °C
Miscible with:, Phthalates

Specific Gravity 1.180 at 20 °C

pH Weakly acidic

Vapour Pressure 1 hPa at 84 °C

Vapour Density (Air=1) No data available

Evaporation Rate No data available

Odour Threshold	No data available
Partition Coefficient: n-octanol/water	No data available
Flash Point	Above the SADT value
Flammability	No flash point was obtained, but the product may release flammable vapour. Decomposition products may be flammable.
Auto-Ignition Temperature	Test methd not applicable
Explosion Limit - Upper	No data available.
Explosion Limit - Lower	No data available.
Explosion Properties	Not explosive.
Oxidising Properties	Not classified as oxidising.
Kinematic Viscosity	20.34 mm2/s at 20 °C
Dynamic Viscosity	24 mPa.s at 20 °C
Other Information	Self-Accelerating decomposition temperature(SADT): 60 °C Active Oxygen Content: 8.8 - 9.0 % Organic peroxides: 30 - 37 %

10. Stability and reactivity

Reactivity Chemical	Stable under normal conditions.
Stability Conditions	Stable under recommended storage conditions.
to Avoid	Confinement must be avoided. Heat, flames and sparks.
Incompatible Materials	Contact with the following incompatible materials will result in hazardous decomposition: Acids and bases Iron Copper Reducing agents Heavy metals Rust Do not mix with peroxide accelerators, unless under controlled processing. Use only stainless steel 316, PP, polyethylene or glass-lined equipment. For queries regarding the suitability of other materials please contact the supplier.
Hazardous Decomposition Products	Carbon oxides Formic acid Acetic acid Propionic acid Methyl ethyl ketone
Possibility of hazardous reactions	No dangerous reaction known under conditions of normal use. Thermal decomposition: SADT - (Self accelerating decomposition temperature) is the lowest temperature at which self accelerating decomposition may occur with a substance in the packaging as used in transport. A dangerous self-accelerating decomposition reaction and, under certain circumstances, explosion or fire can be caused by thermal decomposition at and above the SADT. Contact with incompatible substances can cause decomposition below the SADT.
Other Information	Self-Accelerating decomposition temperature (SADT): 60 °C

11. Toxicological Information

Acute Toxicity - Oral LD50 Oral: 1,017 mg/kg

Classified as hazardous

	Species: rats Method: OECD Test Guideline 401 Harmful if swallowed
Acute Toxicity - Dermal	LD50: 4,000 mg/kg Species: Rabbit Method: OECD Test Guideline 402
Acute Toxicity - Inhalation	LC50 (Rat): 1.5 mg/l Exposure time: 4 h Test atmosphere: dust/mist Harmful if inhaled.
Respiratory sensitisation	Not classified based on available information.
Skin Sensitisation	Not classified based on available information.
Germ cell mutagenicity	Suspected of causing genetic defects
Carcinogenicity	Not classified based on available information.
Reproductive Toxicity	Not classified based on available information.
STOT-single exposure	May cause respiratory irritation
STOT-repeated exposure	Not classified based on available information.
Aspiration Hazard	Not classified based on available information.
Health Hazard	Potential Health Effects
	Inhalation: Inhalation of aerosols may cause irritation to mucous membranes. Thermal decomposition can lead to release of irritating gases and vapours. Harmful if inhaled. Skin: Symptoms may be delayed. May be harmful in contact with skin. Causes severe skin burns. Eyes: Causes serious eye damage. Ingestion: Harmful if swallowed. Causes burns. Aggravated Medical Condition: None known. Symptoms of Overexposure : The symptoms and effects are as expected from the hazards as shown in section 2. No specific product related symptoms are known.
Serious eye damage/irritation	Causes serious eye damage. Test result Species: Rabbit Result: Risk of serious damage to eyes. Classification: Risk of serious damage to eyes. Method: Tested according to Annex V of Directive 67/548/EEC.
Skin corrosion/irritation	Causes severe burns. Test result: Species: Rabbit Result: Sub-category 1B Classification: Category 1B Method: Tested according to Annex V of Directive 67/548/EEC.
Other Information	TOXICOLOGY DATA FOR THE COMPONENTS: Component: Dimethyl phthalate Acute oral toxicity: LD50: > 5,000 mg/kg

Species: Rat
Acute inhalation toxicity:
Assessment: The substance or mixture has no acute inhalation toxicity
Acute dermal toxicity:
LD50: > 10,000 mg/kg
Species: Rabbit
Skin irritation:
Result: slight irritation
Eye irritation:
Result: Slightly irritating to eyes.
Aspiration toxicity:
No aspiration toxicity classification
Component: Methyl ethyl ketone peroxide;Reaction mass of butane-2,2-diyl dihydroperoxide and di-sec-butylhexaoxidane Acute oral toxicity:

LD50: 1,017 mg/kg
Species: Rat
Acute inhalation toxicity:
LC50 (Rat): 1.5 mg/l
Exposure time: 4 h
Test atmosphere: dust/mist
Acute dermal toxicity:
LD50: 4,000 mg/kg
Species: Rat
Skin irritation:
Result: Causes burns.
Eye irritation:
Result: Risk of serious damage to eyes.
Carcinogenicity: No data available
Reproductive toxicity/Fertility:
Species: Rat, male and female
Application Route: Oral
Dose: 0 25, 50, 75 milligram per kilogram
General Toxicity - Parent: No observed adverse effect level: 50 mg/kg bw/day
General Toxicity F1: No observed adverse effect level F1: 50mg/kg bw/day
Fertility: No observed adverse effect level Parent: 75 mg/kg bw/day
Method: OECD Test Guideline 421
GLP: yes
Target Organ Systemic
Toxicant - Repeated exposure: The substance or mixture is not classified as specific target organ toxicant, repeated exposure.

Aspiration toxicity: No aspiration toxicity classification
Component: Methyl ethyl ketone
Acute oral toxicity: LD50: 2,737 mg/kg
Species: Rat
Acute dermal toxicity: LD50: 6,480 mg/kg
Species: Rabbit
Skin irritation:
Result: Repeated exposure may cause skin dryness or cracking.
Moderately irritating.
Eye irritation:
Result: Irritating to eyes.
Target Organ Systemic
Toxicant - Single exposure:
Exposure routes: Inhalation
The substance or mixture is classified as specific target organ toxicant, single exposure, category 3 with narcotic effects. Aspiration toxicity: No aspiration toxicity classification

12. Ecological information

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Ecological Information
An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.
Toxic to aquatic life.

Persistence and degradability
No information available for the product

Mobility
No information available for the product

Bioaccumulative Potential
No information available for the product

Other Adverse Effects
No information available for the product

Acute Toxicity - Fish
LC50: 44.2 mg/l
Exposure time: 96 h
Species: Poecilia reticulata (guppy)
Test Type: semi-static test

Acute Toxicity - Daphnia
39 mg/l
Exposure time: 48 h
Species: Daphnia magna (Water flea)
Test Type: Immobilization

Acute Toxicity - Algae
ErC50: 5.6 mg/l
Exposure time: 72 h
Species: Pseudokirchneriella subcapitata (algae)
Test Type: Growth inhibition

Acute Toxicity - Bacteria
EC10: 12 mg/l
Exposure time: 0.5 h
Species: activated sludge
Test Type: Respiration inhibition

Other Information
Method: Domestic OECD Guideline 209
Component: Dimethyl phthalate
Short-term (acute) aquatic hazard: Harmful to aquatic life.
Additional ecological information:
An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.
Harmful to aquatic life.
Component: Dimethyl phthalate
Toxicity to fish:
LC50: 420 mg/l
Exposure time: 96 h
Species: Lepomis macrochirus (Bluegill sunfish)
Toxicity to algae:
EC10: 193.09 mg/l
Exposure time: 72 h
Species: Desmodesmus subspicatus (green algae)
Test Type: Growth inhibition
Method: OECD Test Guideline 201
ErC50: 259.76 mg/l
Exposure time: 72 h
Species: Desmodesmus subspicatus (green algae)
Test Type: Growth inhibition
Method: OECD Test Guideline 201
Toxicity to fish (Chronic toxicity):
NOEC: 11 mg/l
Exposure time: 102 d
Species: Oncorhynchus mykiss (rainbow trout)
Test Type: flow-through test
Method: Other guidelines
Toxicity to daphnia and other aquatic invertebrates(Chronic toxicity):
NOEC: 9.6 mg/l
Exposure time: 21 d
reproduction rate
Species: Daphnia magna (Water flea)

Method: Other guidelines
Elimination information (persistence and degradability)
Bioaccumulation:
Species: Fish
Exposure time: 1 d
Bioconcentration factor (BCF): 5.4
Biodegradability:
Result: Readily biodegradable.
Biodegradation: 93-98%
Component: Methyl ethyl ketone peroxide;Reaction mass of butane-2,2-diyl dihydroperoxide and di-sec-butylhexaoxidane Toxicity to fish:

LC50: 44.2 mg/l
Exposure time: 96 h
Species: Poecilia reticulata (guppy)
Test Type: semi-static test

Toxicity to daphnia and other aquatic invertebrates: 39 mg/l
Exposure time: 48 h
Species: Daphnia magna (Water flea)
Test Type: Immobilization
Toxicity to algae:
ErC50: 5.6 mg/l
Exposure time: 72 h
Species: Pseudokirchneriella subcapitata (algae)
Test Type: Growth inhibition
Toxicity to bacteria:
EC10: 12 mg/l
Exposure time: 0.5 h
Species: activated sludge
Test Type: Respiration inhibition
Method: Domestic OECD Guideline 209
Elimination information (persistence and degradability)
Bioaccumulation:
Bioconcentration factor (BCF): 10.3
Not expected considering the low log Pow value.
Biodegradability:
Result: Readily biodegradable.
Method: Closed Bottle test
Component: Methyl ethyl ketone
Toxicity to fish:
LC50: 3,220 mg/l
Exposure time: 96 h
Species: Lepomis macrochirus (Bluegill sunfish)
Elimination information (persistence and degradability) Biodegradability:
Result: Readily biodegradable.

13. Disposal considerations

Disposal Considerations

Dispose of waste according to applicable local, state and federal regulations.

Product Disposal

The product should not be allowed to enter drains, water courses or the soil.
Do not contaminate ponds, waterways or ditches with chemical or used container.
Hazardous waste

Container Disposal

Dispose of contents/container in accordance with local regulation.
Empty remaining contents.
Dispose of as unused product.
Do not burn, or use a cutting torch on, the empty drum.

Due to the high risk of contamination recycling/recovery is not recommended. Follow all warnings even after the container is emptied.

14. Transport information

U.N. Number	3105
UN proper shipping name	ORGANIC PEROXIDE TYPE D, LIQUID - (Methyl ethyl ketone peroxide)
Transport hazard class(es)	5.2
Hazchem Code	2WE
EPG Number	5K1
IERG Number	32
IATA/ICAO Sub Risk	HEAT
IMDG EMS Other	F-J, S-R
Information	Dangerous Goods of Class 5.2 Organic Peroxides are incompatible in a placard load with any of the following: - Class 1, Class 2, Class 3, Class 4, Class 5.1, Class 7, Class 8, Fire risk substances and combustible liquids.

15. Regulatory information

Regulatory Information	All components of this material are listed on or exempt from the New Zealand Inventory of Chemicals (NZIoC).
Poisons Schedule	S5
HSNO Approval Number	HSNO Approval Number: HSR002630 Group Standard: Organic Peroxides, Corrosive
AICS (Australia)	All components of this material are listed on or exempt from the Australian Inventory of Industrial Chemicals(AIIC).

16. Other Information

Contact Person/Point An electronic version of this SDS is available at www.imcdgroup.com

Other Information ADG Code: Australian Code for the Transport of Dangerous Goods by Road and Rail, 7th Edition
AICS: Australian Inventory of Chemical Substances
ASCC: Office of the Australian Safety and Compensation Council
BCF: Bioconcentration Factor
CAS number: Chemical Abstracts Service Registry Number
CMR: Carcinogenic, Mutagenic or toxic to Reproduction
DMEL: Derived Minimum Effect Level
DNEL: Desired NO Effect Level
EPA: Environmental Protection Agency
GHS: Globally Harmonised System of Classification and Labelling of Chemicals
Hazchem Code: Emergency action code of numbers and letters that provide information to emergency services especially fire fighters
IARC: International Agency for Research on Cancer
IOELV: Indicative Occupational Exposure Limit Value
LC50: Lethal Concentration, 50 percent
LD50: Lethal Dose, 50 percent
NICNAS: National Industrial Notification & Assessment Scheme
NIOSH: National Institute for Occupational Safety & Health
NOAEL: No Observed Adverse Effect Level
NOEC: No Observed Effect Concentration
NOS: Not otherwise specified
NTP: National Toxicology Program (USA)
OEL: Occupational Exposure Limit
OSHA: Occupational Safety & Health Administration

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PBT: Persistent Bioaccumulative Toxic chemical
PMCC: Pensky Martens Closed Cup
PNEC: Predicted No Effect Concentration
R-Phrase: Risk Phrase
STEL: Short Term Exposure Limit
STOT-SE: Specific Target Organ Toxicity (Single Exposure)
STOT-RE: Specific Target Organ Toxicity (Repeated Exposure)
SUSMP: Standard for the Uniform Scheduling of Medicines & Poisons
TWA: Time Weighted Average
UN Number: United Nations Number
vPvB: Very Persistent and Very Bioaccumulative
WEEL: Workplace Environmental Exposure Level
WEL-TWA: Workplace Exposure Limit, Time Weighted Average
...End Of MSDS...