



Climax Mine
Highway 91 - Fremont Pass
Climax, CO 80429
Phone (719) 486-7718
Fax (719) 486-2251

March 12, 2021

Mr. Dustin Czapla
Environmental Protection Specialist
Division of Reclamation, Mining and Safety
Department of Natural Resources
1313 Sherman St. Room 215
Denver, Colorado 80203

RE: Climax Mine, Permit No. M-1977-493, Reagent Testing

Dear Mr. Czapla

Climax Metallurgy would like to run a short test on a reagent that would be used in the flotation process. The reagent is Flotacor DP17444 from Clariant Corporation (see attached SDS). The proposed dosing rate for the product will be 70-150g/ton of ore. The test will occur over the next month. The reagent will be stored in a 275 gallon totes and placed in secondary containment within the mill building. In the event we see any issues with our process from the reagent testing, we will discontinue the test and dispose of the remaining chemical in accordance with waste regulations. We will update the EPP if we decide to make this change permanent.

Please let me know if you have any concerns. We would like to begin the test as soon as possible.

Sincerely,

Diana Kelts
Environmental Manager

attachments

FLOTICOR DP 17444

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SECTION 1. IDENTIFICATION

Identification of the company:

Clariant Corporation
4000 Monroe Road
Charlotte, NC, 28205
Telephone No.: +1 704-331-7000

Information of the substance/preparation:

BU Oil & Mining Services
Product Stewardship +1-704-331-7710

Emergency tel. number: +1 800-424-9300(CHEMTREC)

Trade name: FLOTICOR DP 17444

Material number: 320556

Chemical family: flotation agent

SECTION 2. HAZARDS IDENTIFICATION

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

Skin irritation : Category 2

Serious eye damage : Category 1

GHS label elements

Hazard pictograms :



Signal word : Danger

Hazard statements : H315 Causes skin irritation.
H318 Causes serious eye damage.

Precautionary statements : **Prevention:**
P264 Wash skin thoroughly after handling.
P280 Wear protective gloves/ eye protection/ face protection.

Response:

P302 + P352 IF ON SKIN: Wash with plenty of soap and water.
P305 + P351 + P338 + P310 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/ doctor.
P332 + P313 If skin irritation occurs: Get medical advice/ attention.

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P362 Take off contaminated clothing and wash before reuse.

Other hazards

None known.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

Components

Chemical name	CAS-No.	Concentration (% w/w)
Sodium hydroxide	1310-73-2	1 - 5
Sodium chloride	7647-14-5	1 - 5

Actual concentration is withheld as a trade secret

SECTION 4. FIRST AID MEASURES

- General advice : Remove/ Take off immediately all contaminated clothing.
Get medical advice/ attention if you feel unwell.
- If inhaled : Move the victim to fresh air.
Give oxygen or artificial respiration if needed.
Get immediate medical advice/ attention.
Never give anything by mouth to an unconscious person.
- In case of skin contact : Wash off immediately with plenty of water for at least 15 minutes.
Get medical attention immediately if irritation develops and persists.
Wash contaminated clothing before reuse.
- In case of eye contact : Do not wear contact lenses.
Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.
Get immediate medical advice/ attention.
- If swallowed : Rinse mouth.
Do NOT induce vomiting.
Never give anything by mouth to an unconscious person.
Get medical advice/ attention.
Call your local Poison Control Center (In the U.S. call 1-800-222-1222).
- Most important symptoms and effects, both acute and delayed : The possible symptoms known are those derived from the labelling (see section 2).
No additional symptoms are known.
- Notes to physician : Treat symptomatically.

SECTION 5. FIREFIGHTING MEASURES

- Suitable extinguishing media : Water spray
Dry chemical
Carbon dioxide (CO₂)
Alcohol-resistant foam

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Unsuitable extinguishing media	:	High volume water jet
Specific hazards during firefighting	:	In case of fires, hazardous combustion gases are formed: Carbon monoxide (CO) Carbon dioxide (CO ₂)
Further information	:	In the event of fire and/or explosion do not breathe fumes. Emits toxic and corrosive fumes under fire conditions. Do not allow run-off from fire fighting to enter drains or water courses. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.
Special protective equipment for firefighters	:	Wear an approved positive pressure self-contained breathing apparatus in addition to standard fire fighting gear.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures	:	Refer to protective measures listed in sections 7 and 8. Avoid contact with skin, eyes and clothing. Wash thoroughly after handling.
Environmental precautions	:	The product should not be allowed to enter drains, water courses or the soil.
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). Clean contaminated surface thoroughly. Incineration in suitable incineration plant, observing local authority regulations

SECTION 7. HANDLING AND STORAGE

Advice on protection against fire and explosion	:	Keep away sources of ignition. Take precautionary measures against build-up of electrostatic charges, e.g. earthing during loading and off-loading operations.
Advice on safe handling	:	Handle in accordance with good industrial hygiene and safety practice. Use only with adequate ventilation/personal protection. For personal protection see section 8. Avoid contact with skin, eyes and clothing. Use only with adequate ventilation. Wash thoroughly after handling.
Further information on storage conditions	:	Store in a cool, dry, well-ventilated area. Keep container sealed when not in use.

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SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION**Components with workplace control parameters**

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
Sodium hydroxide	1310-73-2	C	2 mg/m3	ACGIH
		C	2 mg/m3	NIOSH REL
		TWA	2 mg/m3	OSHA Z-1
		C	2 mg/m3	OSHA P0

Engineering measures : Use only in area provided with appropriate exhaust ventilation.
Use engineering controls such as local or general exhaust to maintain airborne concentrations below exposure limits.

Personal protective equipment

Respiratory protection : In case of inadequate ventilation wear respiratory protection.

Hand protection

Remarks : Chemical resistant gloves (butyl rubber, nitrile rubber, polyvinyl alcohol). However, please note that PVA degrades in water.

Eye protection : Wear safety glasses with side shields, chemical splash goggles, and /or full face shield to prevent contact with eyes.

Skin and body protection : Wear protective clothing, including long sleeves and gloves, to prevent skin contact.

Protective measures : Observe the usual precautions for handling chemicals.

Hygiene measures : Wash hands before breaks and at the end of workday.
Take off immediately all contaminated clothing and wash it before reuse.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : liquid

Colour : colourless

Odour : mild

Odour Threshold : no data available

pH : 11.25 - 11.75 (68 °F / 20 °C)

Melting point : no data available

Boiling point : no data available

Flash point : > 200.01 °F / > 93.34 °C

Evaporation rate : no data available

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Self-ignition	: no data available
Upper explosion limit / upper flammability limit	: no data available
Lower explosion limit / Lower flammability limit	: no data available
Vapour pressure	: no data available
Relative vapour density	: no data available
Density	: 1.06 - 1.10 g/cm ³ (68 °F / 20 °C)
Solubility(ies)	
Water solubility	: soluble
Partition coefficient: n-octanol/water	: no data available
Decomposition temperature	: no data available
Viscosity	
Viscosity, dynamic	: no data available
Viscosity, kinematic	: no data available

SECTION 10. STABILITY AND REACTIVITY

Reactivity	: Stable under recommended storage conditions.
Chemical stability	: Stable under normal conditions.
Possibility of hazardous reactions	: Stable under recommended storage conditions.
Conditions to avoid	: Keep away from heat and sources of ignition. Take precautionary measures against static discharges.
Incompatible materials	: Incompatible with oxidizing agents.
Hazardous decomposition products	: Carbon monoxide, carbon dioxide and unburned hydrocarbons (smoke).

SECTION 11. TOXICOLOGICAL INFORMATION**Information on likely routes of exposure**

Skin contact
Eye contact
Inhalation
Ingestion

Acute toxicity**Product:**

Acute oral toxicity : Acute toxicity estimate: > 5,000 mg/kg
Method: Calculation method

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Components:**Sodium hydroxide:**

Acute oral toxicity : Remarks: Not relevant

Acute inhalation toxicity : Remarks: Not relevant

Acute dermal toxicity : Remarks: Not relevant

Sodium chloride:Acute oral toxicity : LD50 (Rat, male): 3,550 mg/kg
Method: No information available.
GLP: no data available**Skin corrosion/irritation****Components:****Sodium hydroxide:**

Species: In Vitro Membrane Barrier Test Method for Skin Corrosion - CORROSITEX

Method: OECD Test Guideline 435

Result: Causes severe burns.

GLP: no data available

Sodium chloride:

Species: Rabbit

Method: No information available.

Result: No skin irritation

GLP: no

Serious eye damage/eye irritation**Components:****Sodium hydroxide:**

Species: Rabbit

Result: Risk of serious damage to eyes.

Method: OECD Test Guideline 405

GLP: no

Sodium chloride:

Species: Rabbit

Result: Mild eye irritation

Method: OECD Test Guideline 405

GLP: no

Respiratory or skin sensitisation**Components:****Sodium hydroxide:**

Test Type: Patch Test 24 Hrs.

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Exposure routes: Dermal
Species: Humans
Method: Other
Result: Not a skin sensitizer.
GLP: no

Sodium chloride:

Test Type: Local lymph node assay (LLNA)
Exposure routes: Dermal
Species: Mouse
Method: Other
Result: Not a skin sensitizer.
GLP: no data available

Germ cell mutagenicity**Components:****Sodium hydroxide:**

Genotoxicity in vitro : Remarks: In vitro tests did not show mutagenic effects

Genotoxicity in vivo : Remarks: Not classified due to data which are conclusive although insufficient for classification.

Germ cell mutagenicity - Assessment : It is concluded that the product is not mutagenic based on evaluation of several mutagenicity tests.

Sodium chloride:

Genotoxicity in vitro : Test Type: In vitro mammalian cell gene mutation test
Test system: mouse lymphoma cells
Concentration: 0,25 - 5,85 mg/ml
Metabolic activation: without
Method: Other
Result: positive
GLP: no data available

Test Type: Ames test
Test system: Salmonella typhimurium
Metabolic activation: with and without metabolic activation
Method: OECD Test Guideline 471
Result: negative
GLP: no data available

Genotoxicity in vivo : Test Type: Chromosome Aberration Test
Species: Rat (female)
Strain: Long-Evans
Cell type: Bone marrow cells
Application Route: Intraperitoneal injection
Exposure time: 3-6-12-18-24 h
Dose: 10 - 20 - 40 mmole/kg
Method: OECD Test Guideline 475
Result: positive

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GLP: no data available

Germ cell mutagenicity - : Mutagenicity not fully evaluated.
Assessment

Carcinogenicity**Components:****Sodium hydroxide:**

Carcinogenicity - : Not applicable
Assessment

Sodium chloride:

Species: Rat, (male)
Application Route: oral (feed)
Exposure time: 2 a
Dose: 4% NaCl and 2% KCl+2% NaCl
Group: yes
Frequency of Treatment: daily
2,533 mg/kg bw/day
Method: OECD Test Guideline 453
GLP: no data available

Carcinogenicity - : Animal testing did not show any carcinogenic effects.
Assessment

IARC

No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

OSHA

No component of this product present at levels greater than or equal to 0.1% is on OSHA's list of regulated carcinogens.

NTP

No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

Reproductive toxicity**Components:****Sodium hydroxide:**

Reproductive toxicity - : Not applicable
Assessment

Sodium chloride:

Effects on foetal development : Remarks: The study is not necessary from a scientific perspective.

Reproductive toxicity - : No reproductive toxicity to be expected.
Assessment No teratogenic effects to be expected.

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STOT - single exposure**Components:****Sodium hydroxide:**

Assessment: The substance or mixture is not classified as specific target organ toxicant, single exposure.

Sodium chloride:

Assessment: The substance or mixture is not classified as specific target organ toxicant, single exposure.

STOT - repeated exposure**Components:****Sodium hydroxide:**

Assessment: The substance or mixture is not classified as specific target organ toxicant, repeated exposure.

Sodium chloride:

Assessment: The substance or mixture is not classified as specific target organ toxicant, repeated exposure.

Repeated dose toxicity**Components:****Sodium hydroxide:**

Application Route: Oral

Method: Repeated dose toxicity

Remarks: The study is not necessary from a scientific perspective.

Application Route: Inhalation

Method: Repeated dose toxicity

Remarks: The study is not necessary from a scientific perspective.

Application Route: Dermal

Method: Repeated dose toxicity

Remarks: The study is not necessary from a scientific perspective.

Sodium chloride:

Species: Rat, male

LOEL: 2533 mg/kg bw/day

Application Route: oral (feed)

Exposure time: 2 a

Number of exposures: daily

Dose: 4% NaCl and 2% KCl+2% NaCl

Group: yes

Method: OECD Test Guideline 453

GLP: no data available

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Application Route: Inhalation

Method: Repeated dose toxicity

Remarks: The study is not necessary from a scientific perspective.

Aspiration toxicity**Components:****Sodium hydroxide:**

Corrosive to the respiratory tract.

Sodium chloride:

No aspiration toxicity classification

Experience with human exposure**Product:**

General Information : The possible symptoms known are those derived from the labelling (see section 2).

Components:**Sodium hydroxide:**

General Information : Respiratory system
Respiratory disorders

SECTION 12. ECOLOGICAL INFORMATION**Ecotoxicity****Components:****Sodium hydroxide:**

Toxicity to fish : Remarks: Not classified due to inconclusive data.

Toxicity to daphnia and other aquatic invertebrates : EC50 (Ceriodaphnia spec.): 40,4 mg/l
End point: Immobilization
Exposure time: 48 h
Analytical monitoring: no
Method: Other
GLP: no

Toxicity to algae/aquatic plants : Remarks: no data available

Toxicity to fish (Chronic toxicity) : Remarks: no data available

Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) : Remarks: no data available

Sodium chloride:

Toxicity to fish : LC50 (Lepomis macrochirus (Bluegill sunfish)): 5,840 mg/l
End point: mortality
Exposure time: 96 h
Test Type: flow-through test
Analytical monitoring: no

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Method: Other

GLP: no

Toxicity to daphnia and other aquatic invertebrates :

LC50 (*Daphnia magna* (Water flea)): 4,136 mg/l

End point: Immobilization

Exposure time: 48 h

Test Type: static test

Analytical monitoring: yes

Method: OECD Test Guideline 202

GLP: no

Remarks: Acute Immobilisation Test

Toxicity to algae/aquatic plants :

ErC50 (*Nitzschia* sp.): 2,430 mg/l

End point: Growth rate

Exposure time: 120 h

Test Type: static test

Analytical monitoring: no

Method: OECD Test Guideline 201

GLP: no

IC50 (*Lemna minor* (common duckweed)): 6,870 mg/l

End point: Growth rate

Exposure time: 96 h

Test Type: static test

Analytical monitoring: no

Method: OECD Test Guideline 221

GLP: no data available

Remarks: The details of the toxic effect relate to the nominal concentration.

Toxicity to fish (Chronic toxicity)

: NOEC (*Pimephales promelas* (fathead minnow)): 252 mg/l

End point: mortality

Exposure time: 33 d

Test Type: flow-through test

Analytical monitoring: yes

Method: OECD Test Guideline 210

GLP: no

LOEC (*Pimephales promelas* (fathead minnow)): 352 mg/l

End point: mortality

Exposure time: 33 d

Test Type: flow-through test

Analytical monitoring: yes

Method: OECD Test Guideline 210

GLP: no

Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity)

: NOEC (*Daphnia pulex* (Water flea)): 314 mg/l

Exposure time: 21 d

Test Type: semi-static test

Analytical monitoring: yes

Method: OECD Test Guideline 211

GLP: no

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		LOEC (<i>Daphnia pulex</i> (Water flea)): 441 mg/l Exposure time: 21 d Test Type: semi-static test Analytical monitoring: yes Method: OECD Test Guideline 211 GLP: no
Toxicity to microorganisms	:	EC10 (activated sludge): <= 35,000 mg/l Test Type: aquatic Analytical monitoring: no Method: Other GLP: no Test Type: Soil Remarks: Not applicable
Toxicity to soil dwelling organisms	:	Test Type: artificial soil NOEC (<i>Eisenia fetida</i> (earthworms)): 3,507 mg/kg Exposure time: 70 d End point: mortality Method: OECD Test Guideline 222 GLP: no Test Type: artificial soil LOEC (<i>Eisenia fetida</i> (earthworms)): 4,675 mg/kg Exposure time: 70 d End point: mortality Method: OECD Test Guideline 222 GLP: no Test Type: artificial soil LOEC (<i>Eisenia fetida</i> (earthworms)): 1,169 mg/kg Exposure time: 70 d End point: Reproduction Method: OECD Test Guideline 222 GLP: no
Plant toxicity	:	IC50: 500.8 mg/kg Exposure time: 7 d End point: emergence Species: <i>Lepidium sativum</i> (cress) Analytical monitoring: no Method: OECD Guide-line 208 GLP: no Remarks: The details of the toxic effect relate to the nominal concentration. NOEC: 360 mg/kg Exposure time: 7 d End point: Growth Species: <i>Lepidium sativum</i> (cress) Analytical monitoring: no Method: OECD Guide-line 208

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GLP: no

Remarks: The details of the toxic effect relate to the nominal concentration.

LOEC: 640 mg/kg

Exposure time: 7 d

End point: Growth

Species: Lepidium sativum (cress)

Analytical monitoring: no

Method: OECD Guide-line 208

GLP: no

Remarks: The details of the toxic effect relate to the nominal concentration.

IC50: 1,890 mg/kg

Exposure time: 7 d

End point: emergence

Species: Hordeum vulgare

Analytical monitoring: no

Method: OECD Guide-line 208

GLP: no

Remarks: The details of the toxic effect relate to the nominal concentration.

NOEC: 296 mg/kg

Exposure time: 7 d

End point: Growth

Species: Hordeum vulgare

Analytical monitoring: no

Method: OECD Guide-line 208

GLP: no

Remarks: The details of the toxic effect relate to the nominal concentration.

LOEC: 528 mg/kg

Exposure time: 7 d

End point: Growth

Species: Hordeum vulgare

Analytical monitoring: no

Method: OECD Guide-line 208

GLP: no

Remarks: The details of the toxic effect relate to the nominal concentration.

Toxicity to terrestrial organisms

: LD50 (Passer domesticus (house sparrow)): 8,000 mg/kg
Exposure time: 12 h
End point: mortality
Method: Other
GLP: no

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Persistence and degradability**Components:****Sodium hydroxide:**

Biodegradability : Remarks: The methods for determining biodegradability are not applicable to inorganic substances.

Biochemical Oxygen Demand (BOD) : Remarks: Not applicable

Sodium chloride:

Biodegradability : Remarks: Not applicable for inorganic compound.

Physico-chemical removability : Remarks: Not applicable

Stability in water : Remarks: Not applicable

Bioaccumulative potential**Components:****Sodium chloride:**

Partition coefficient: n-octanol/water : Remarks: Not applicable inorganic

Mobility in soil

no data available

Other adverse effects**Product:**

Additional ecological information : No definitive information, considered biodegradable based on similar materials.

Components:**Sodium hydroxide:**

Results of PBT and vPvB assessment : Remarks: Not applicable

Sodium chloride:

Environmental fate and pathways : not available

Results of PBT and vPvB assessment : The substance is inorganic, thus a PBT and vPvB criteria assessment is not applicable according to Annex XIII of Regulation (EC) 1907/2006.

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SECTION 13. DISPOSAL CONSIDERATIONS**Disposal methods**

- RCRA - Resource Conservation and Recovery Authorization Act : This material may exhibit one or more characteristics of a hazardous waste and require appropriate analysis to determine specific disposal requirements. Processing, use or contamination of this product may change the waste management options. State and local disposal regulations
- Waste from residues : Dispose of this product in accordance with all applicable local, state and federal regulations.
- Contaminated packaging : Contaminated packaging material should be treated equivalent to residual chemicals. Clean packaging material should be subjected to waste management schemes (recovery recycling, reuse) according to local legislation.

SECTION 14. TRANSPORT INFORMATION

- Reportable Quantity: 10,365.296 kg Sodium hydroxide
- DOT not restricted
- IATA not restricted
- IMDG not restricted

SECTION 15. REGULATORY INFORMATION**CERCLA Reportable Quantity**

Components	CAS-No.	Component RQ (lbs)	Calculated product RQ (lbs)
Sodium hydroxide	1310-73-2	1000	14285

SARA 304 Extremely Hazardous Substances Reportable Quantity

This material does not contain any components with a section 304 EHS RQ.

SARA 302 Extremely Hazardous Substances Threshold Planning Quantity

This material does not contain any components with a section 302 EHS TPQ.

- SARA 311/312 Hazards** : Corrosive to metals
Skin corrosion or irritation
Serious eye damage or eye irritation

- SARA 313** : This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

Clean Water Act

This product does not contain any priority pollutants related to the U.S. Clean Water Act

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

- TSCA : All components are compliant with the TSCA Inventory

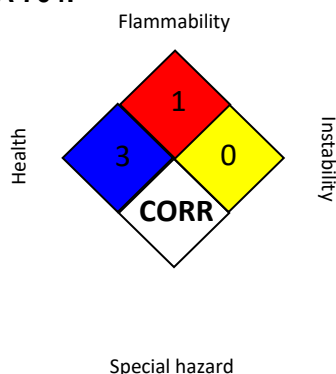
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Notification (Active) rule.

SECTION 16. OTHER INFORMATION**Further information****NFPA 704:****Full text of other abbreviations**

ACGIH	: USA. ACGIH Threshold Limit Values (TLV)
NIOSH REL	: USA. NIOSH Recommended Exposure Limits
OSHA P0	: USA. OSHA - TABLE Z-1 Limits for Air Contaminants - 1910.1000
OSHA Z-1	: USA. Occupational Exposure Limits (OSHA) - Table Z-1 Limits for Air Contaminants
ACGIH / C	: Ceiling limit
NIOSH REL / C	: Ceiling value not be exceeded at any time.
OSHA P0 / C	: Ceiling limit
OSHA Z-1 / 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

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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; 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

Observe all necessary precautions for handling corrosive liquids.

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