

### 1 Identification of the substance/mixture and of the company/undertaking

**Product identifier****Trade name:** EXP 950**MSDS ID Number:** TEMP-00406**Replaces MSDS ID Number:** Experimental**Details of the supplier of the safety data sheet****Manufacturer/Supplier:**

W.R. Grace & Co. -Conn.  
62 Whittemore Avenue  
Cambridge, MA 02140 USA

**Information department:**

Environmental Health & Safety  
USA: +1-617-876-1400 (24 hours)  
+1-800-354-5414 (8AM - 5PM) Not functional within Massachusetts

**Transport Emergency:** Chemtrec +1-800-424-9300 (24 hours)

### 2 Composition/information on ingredients

**Chemical characterization: Mixtures****Description:** Mixture of the substances listed below with nonhazardous additions.**Hazardous components:**

26172-55-4	5-chloro-2-methyl-2H-isothiazol-3-one	0.0-1.0%
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### 3 Hazards identification

**Inhalation:** Causes respiratory tract irritation.**Eye Contact:** May be slightly irritating to the eyes.**Skin Contact:**

May cause sensitization.

May be irritating to the skin on prolonged contact.

**NFPA ratings (scale 0 - 4)**

Health = 1

Fire = 0

Reactivity = 0

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## HMIS-ratings (scale 0 - 4)

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HEALTH	1	Health = 1
FIRE	0	Flammability = 0
REACTIVITY	0	Reactivity = 0

## \* 4 First aid measures

## Description of first aid measures

**General information:** No special measures required.**After skin contact:**

Immediately wash contaminated skin with soap or mild detergent and water. If this chemical soaks clothing, immediately remove clothing and wash skin.

If skin irritation continues, consult a doctor.

**After eye contact:**

Rinse opened eye for several minutes under running water.

Seek immediate medical advice.

**After swallowing:** Do not induce vomiting; immediately call for medical help.**Information for doctor:****Most important symptoms and effects, both acute and delayed** No further relevant information available.**Indication of any immediate medical attention and special treatment needed**

No further relevant information available.

## 5 Firefighting measures

**Extinguishing media****Suitable extinguishing agents:**CO<sub>2</sub>, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.**Special hazards arising from the substance or mixture** No further relevant information available.**Additional information** Collect contaminated fire fighting water separately. It must not enter the sewage system.

## 6 Accidental release measures

**Personal precautions, protective equipment and emergency procedures**

Wear protective equipment. Keep unprotected persons away.

**Methods and material for containment and cleaning up:**

Contain and/or absorb spill with inert material (i.e. sand, vermiculite) then place in a suitable container.

Sweep up spilled product into receptacles.

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Dispose contaminated material as waste according to section 13 of the MSDS.

**Reference to other sections**

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

**7 Handling and storage****Handling:****Precautions for safe handling**

Open and handle receptacle with care.

Prevent formation of aerosols.

Avoid contact with eyes, skin and clothing.

Do not take internally.

Practice good personal hygiene to avoid ingestion.

Use only with adequate ventilation.

Wash clothing before reuse.

FOR PROFESSIONAL USE ONLY. KEEP OUT OF CHILDREN'S REACH.

**Information about protection against explosions and fires:**

Empty containers may retain hazardous residue, both liquid and vapor.

**Conditions for safe storage, including any incompatibilities****Storage:**

**Information about storage in one common storage facility:** Store away from oxidizing agents.

**Further information about storage conditions:** Keep receptacle tightly sealed.

**Specific end use(s)** No further relevant information available.

**8 Exposure controls/personal protection**

**Additional information about design of technical systems:** No further data; see item 7.

**Control parameters****Components with limit values that require monitoring at the workplace:**

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

**Additional information:** The lists that were valid during the creation were used as basis.

**Exposure controls****Personal protective equipment:**

**General protective and hygienic measures:** Avoid contact with the eyes and skin.

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**Breathing equipment:**

Respiratory protection is not normally required. However, a chemical cartridge respirator with organic vapor cartridge and a prefilter for dusts/mists is required at or above the applicable exposure limits (consult exposure guidelines). If no limits exist, use an approved respirator whenever a vapor or mist is generated or if respiratory irritation occurs. Supplied air respirator (SCBA) is required at exposure levels above the capabilities of a chemical cartridge respirator.

**Protection of hands:**

Gloves should be worn to prevent skin contact and should be impermeable and resistant to the product. Rubber or other impervious gloves should be worn to prevent skin contact.

**Material of gloves**

Gloves should be impermeable and resistant to the product. Selection of material should be considered before use.

**Eye protection:**

Safety glasses with side shield protection.



A face shield should also be worn if there is potential exposure to splash or spray.

Safety glasses with side shields should be worn to prevent contact due to splashing. Under high vapor mist concentrations, tightly sealed goggles should be worn.

**Body protection:** Protective work clothing

## 9 Physical and chemical properties

### Information on basic physical and chemical properties

**General Information****Appearance:**

**Form:** Liquid  
**Color:** According to product specification  
**Odor:** Characteristic  
**Odour threshold:** Not determined.

**pH-value:** Not determined.

**Change in condition**

**Melting point/Melting range:** Undetermined.  
**Boiling point/Boiling range:** 100°C (212°F)  
**Flash point:** Not determined  
**Method:** (estimated) Aqueous system.

**Decomposition temperature:** Not determined.  
**Auto igniting:** Product is not selfigniting.  
**Danger of explosion:** Product does not present an explosion hazard.

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**Explosion limits:**

**Lower:** Not determined.  
**Upper:** Not determined.

**Vapor pressure:** Not determined.  
**Density:** Not determined.  
**Vapour density:** Not determined.  
**Evaporation rate:** Not determined.

**Segregation coefficient (n-octanol/water):** Not determined.

**Viscosity:**

**Dynamic:** Not determined.  
**Kinematic:** Not determined.

**Other information** No further relevant information available.

**10 Stability and reactivity****Reactivity****Chemical stability**

**Thermal decomposition:** No decomposition if used according to specifications.

**Possibility of hazardous reactions** Violent reaction with concentrated alkali and oxidizing agents.

**Conditions to avoid** No further relevant information available.

**Incompatible materials:** No further relevant information available.

**Hazardous decomposition products:** Carbon monoxide and carbon dioxide

**Additional information:** See section 7 for information on handling, storage and conditions to be avoided.

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**11 Toxicological information****Information on toxicological effects****Acute toxicity:****Primary irritant effect:**

**on the eye:** May be irritating to the eyes.

**Sensitization:** Sensitization possible through skin contact.

**12 Ecological information****Toxicity**

**Acquatic toxicity:** No further relevant information available.

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**Persistence and degradability** No further relevant information available.

**Behavior in environmental systems:**

**Bioaccumulative potential** No further relevant information available.

**Mobility in soil** No further relevant information available.

**Additional ecological information:**

**General notes:**

Slightly hazardous for water

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

**Results of PBT and vPvB assessment**

**PBT:** Not applicable.

**vPvB:** Not applicable.

**Other adverse effects** No further relevant information available.

### 13 Disposal considerations

**Waste treatment methods** Comply with Federal, State and local regulations.

**Recommendation:**



Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

**Uncleaned packagings:**

**Recommendation:** Disposal must be made according to official regulations.

### 14 Transport information

**DOT regulations:**

**Hazard class:**

-

**Remarks:**

Not Regulated.

**Land Transport ADR/RID (cross-border):**

**ADR/RID class:**

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**Remarks:**

Not Regulated.

**Inland shipping ADN:**

**ADN/R Class:**

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## Maritime Transport IMDG:

**IMDG Class:** -

**Marine pollutant:** -

**Remarks:** No  
Not Regulated.

**Air Transport ICAO-TI and IATA-DGR:** Not Regulated for ICAO and IATA-DGR

**ICAO/IATA Class:** -

**Remarks:** -  
Not Regulated.

**Special precautions for user** Not applicable.

**Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code** Not applicable.

## 15 Regulatory information

### SARA (Superfund Amendments and Reauthorization Act)

#### Section 302/304 (extremely hazardous substances):

None of the ingredients is listed.

#### Section 313 Reportable Ingredients (Chemicals present below reporting threshold are exempt):

None of the ingredients is listed.

#### SARA Section 312/Tier I & II Hazard Categories:

Health Immediate (acute)	Yes
Health Delayed (chronic)	No
Flammable	No
Reactive	No
Pressure	No

### National Chemical Inventory Status

#### TSCA (Toxic Substances Control Act - United States):

All ingredients are listed or exempt from listing unless otherwise noted below.

#### Remarks:

#### CEPA (Canadian DSL):

All ingredients are listed or exempt from listing unless otherwise noted below.

### California Proposition 65

#### Chemicals known to cause cancer:

None of the ingredients is listed.

#### Chemicals known to cause reproductive toxicity for females:

None of the ingredients is listed.

#### Chemicals known to cause reproductive toxicity for males:

None of the ingredients is listed.

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**Chemicals known to cause developmental toxicity:**

None of the ingredients is listed.

**WHMIS Classification(s):**

D2B - Toxic material causing other toxic effects

**Carcinogenicity Categories****EPA (Environmental Protection Agency)**

None of the ingredients is listed.

**IARC (International Agency for Research on Cancer)**

None of the ingredients is listed.

**NTP (National Toxicology Program)**

None of the ingredients is listed.

**TLV-ACGIH (Threshold Limit Value for Carcinogens established by ACGIH)**

None of the ingredients is listed.

**NIOSH-Cancer (National Institute for Occupational Safety and Health)**

None of the ingredients is listed.

**OSHA-Cancer (Occupational Safety & Health Administration)**

None of the ingredients is listed.

**European EINECS**

Not determined.

**Philippines Inventory of Chemicals and Chemical Substances PICCS**

Not determined.

**Inventory of Existing Chemical Substances manufactured or imported in China IECSC**

Not determined.

**Australian Inventory of Chemical Substances AICS**

Not determined.

**Existing and New Chemical Substance List ENCS**

Not determined.

**Korean Existing Chemical Inventory**

Not determined.

**Non-hazardous Ingredients**

7732-18-5 | Water

50-100%

**Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.**16 Other information**

"The data included herein are presented in accordance with various environment, health and safety regulations. It is the responsibility of a recipient of the data to remain currently informed on chemical hazard information, to design and update its own program and to comply with all national, federal, state and local laws and regulations applicable to

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safety, occupational health, right-to-know and environmental protection."

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