

1 Identification of substance

Product details

Trade name: ZYLA R

MSDS ID Number: D-06624

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/Data on components

Chemical characterization

Description: Mixture of the substances listed below with nonhazardous additions.

Hazardous components: Not applicable.

Additional information: For the wording of the listed risk phrases refer to section 16.

3 Hazards identification

Information pertaining to particular dangers for man and environment:

Potential Health Effects:

Inhalation: Not expected to cause respiratory irritation.

Eye Contact: May be slightly irritating to the eyes.

Skin Contact: May be irritating to the skin on prolonged contact.

Skin Absorption: Not expected to be harmful if absorbed through the skin.

NFPA ratings (scale 0 - 4)



Health = 1
Fire = 1
Reactivity = 0

HMIS-ratings (scale 0 - 4)



Health = 1
Flammability = 1
Reactivity = 0

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4 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.**5 Fire fighting measures****Suitable extinguishing agents:**

CO₂, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

Additional information Collect contaminated fire fighting water separately. It must not enter the sewage system.**6 Accidental release measures****Person-related safety precautions:** Wear protective equipment. Keep unprotected persons away.**Measures for cleaning/collecting:**

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

Sweep up spilled product into receptacles.

Additional information: No dangerous substances are released.**7 Handling and storage****Handling:****Information for safe handling:** Open and handle receptacle with care.**Information about protection against explosions and fires:**

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

Storage:**Information about storage in one common storage facility:** No special measures required.**Further information about storage conditions:** None.

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8 Exposure controls and personal protection

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

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.

Personal protective equipment:

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

Breathing equipment:

Respiratory protection is not normally required. If a vapor or mist is created, use an approved dust/mist respirator (NIOSH N95).

Protection of hands:

Gloves should be worn to prevent skin contact and should be impermeable and resistant to the product.

Material of gloves

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

Eye protection:

Safety glasses

Face protection

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**General Information**

Form:	Liquid
Color:	According to product specification
Odor:	Characteristic

Change in condition

Melting point/Melting range: Undetermined.

Boiling point/Boiling range: 100°C (212°F)

Flash point: 101°C (214°F)

Method: (estimated) Aqueous system.

Auto igniting: Product is not selfigniting.

Danger of explosion: Product does not present an explosion hazard.

Density at 20°C (68°F): 1.035 - 1.095 g/cm³

pH-value at 20°C (68°F): 5.0 - 8.0

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10 Stability and reactivity**Thermal decomposition:** No decomposition if used according to specifications.**Dangerous reactions** No dangerous reactions known.**Dangerous products of decomposition:** Carbon monoxide and carbon dioxide**Additional information:** See section 7 for information on handling, storage and conditions to be avoided.**11 Toxicological information****Acute toxicity:****Primary irritant effect:****on the skin:** May be irritating to the skin on prolonged contact**on the eye:** May be irritating to the eyes.**Additional Toxicological Information:**

The product is not subject to classification according to internally approved calculation methods for preparations:

12 Ecological information**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.

13 Disposal considerations**Product:** Comply with Federal, State and local regulations.**Uncleaned packagings:****Recommendation:** Disposal must be made according to official regulations.**14 Transport information****DOT regulations:****Hazard class:** -**Land Transport ADR/RID (cross-border):****ADR/RID class:** -**Maritime Transport IMDG:****IMDG Class:** -

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Marine pollutant: No**Air Transport ICAO-TI and IATA-DGR:**
ICAO/IATA Class: -**15 Regulations****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 Hazardard Catagories:

Health Immediate (acute)	No
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.

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.

Chemicals known to cause developmental toxicity:

None of the ingredients is listed.

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.

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

57-50-1 | Sucrose

A4

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

All ingredients are listed.

Inventory of Existing Chemical Substances manufactured or imported in China IECSC

Not Determined.

Existing and New Chemical Substance List ENCS

Not Determined.

ENCA/MITI

Not Determined.

Korean Existing Chemical Inventory

Not Determined.

Non-hazardous Ingredients

7732-18-5 | Water

50-100%

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

USA