

## 1 Identification of substance

### Product details

**Trade name:** Grace Dirt and Grime Remover

**MSDS ID Number:** MP-90320 (Replaces MSDS 90176)

**Manufacturer/Supplier:**

W.R. Grace & Co. -Conn.

62 Whittemore Avenue

Cambridge, MA 02140 USA

Grace Canada, Inc.

294 Clements Road W.

Ajax, Ontario L1S 3C6 Canada

**Information department:**

Environmental Health & Safety

USA: 1-617-876-1400 (24 hours)

1-800-354-5414 (8AM - 5PM)

CAN: 1-905-683-8561 (24 hours)

**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:

25155-30-0	Sodium dodecylbenzenesulphonate, pure	Xn; R 22	2.0-5.0%
9016-45-9	Nonylphenol ethoxylate	Xn; R 22-36/38-53	1.0-2.0%

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

## 3 Hazards identification

### Hazard description:

Xi Irritant

### Information pertaining to particular dangers for man and environment:

Review information in this MSDS and product label prior to use.

Irritating to eyes, respiratory system and skin.

### Classification system:

The classification was made according to the latest editions of international substances lists, and expanded upon from company and literature data.

### NFPA ratings (scale 0 - 4)



Health = 2

Fire = 0

Reactivity = 0

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Printing date 02/19/2003

Reviewed on 11/10/2004

Trade name: **GRACE Dirt and Grime Remover**

## HMIS-ratings (scale 0 - 4)

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HEALTH	2	Health = 2
FIRE	0	Fire = 0
REACTIVITY	0	Reactivity = 0

**4 First aid measures****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:**

CO<sub>2</sub>, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

**Protective equipment:** Wear self-contained respiratory protective device.

**Additional information** Collect contaminated fire fighting water separately. It must not enter the sewage system.

**6 Accidental release measures**

**Person-related safety precautions:** Not required.

**Measures for environmental protection:** No special measures required.

**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.

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

**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. Do not cut, drill, grind or weld on or near container, whether empty or full.

**Storage:**

**Information about storage in one common storage facility:** No special measures required.

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Further information about storage conditions: None.

**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:**

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing.

Wash hands before breaks and at the end of work.

Avoid contact with the eyes and skin.

**Breathing equipment:**

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air.

**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:**

Tightly sealed goggles

**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**

<b>Form:</b>	Fluid
<b>Color:</b>	According to product specification
<b>Odor:</b>	Characteristic

**Change in condition**

<b>Melting point/Melting range:</b>	Undetermined.
<b>Boiling point/Boiling range:</b>	Undetermined.

**Flash point:** Not applicable.**Auto igniting:** Product is not selfigniting.

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

**Density:** Not determined.

**Solubility in / Miscibility with Water:** Not miscible or difficult to mix.

## 10 Stability and reactivity

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

**Dangerous products of decomposition:** Carbon monoxide and carbon dioxide

## 11 Toxicological information

### Acute toxicity:

#### Primary irritant effect:

**on the skin:** Irritant to skin and mucous membranes.

**on the eye:** Irritating effect.

### Additional toxicological information:

The product shows the following dangers according to internally approved calculation methods for preparations:  
Irritant

## 12 Ecological information

### General notes:

Water hazard class 1 (Self-assessment): 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

### 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.

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**14 Transport information**

**DOT regulations:**

Remarks: Product is not regulated as hazardous.

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

Remarks: Product is not regulated as hazardous.

**Maritime transport IMDG:**

Remarks: Product is not regulated as hazardous.

**Air transport ICAO-TI and IATA-DGR:**

Remarks: Product is not regulated as hazardous.

**15 Regulations**

**SARA (Superfund Amendments and Reauthorization Act)**

**Section 355 (extremely hazardous substances):**

None of the ingredients is listed.

**Section 313 (specific toxic chemical listings):**

None of the ingredients is listed.

**TSCA (Toxic Substances Control Act):**

All ingredients are listed.

**WHMIS Classification(s):**



**CEPA (Canadian DSL):**

All ingredients are listed.

**Proposition 65**

**Chemicals known to cause cancer:**

None of the ingredients is listed.

**Chemicals known to cause reproductive 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.

**TLV (Threshold Limit Value established by ACGIH)**

None of the ingredients is listed.

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

None of the ingredients is listed.

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

None of the ingredients is listed.

**Product related hazard informations:****Hazard symbols:**

Xi Irritant

**Risk phrases:**

Irritating to eyes, respiratory system and skin.

**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