


## 1. Identification

|   |   |  |
|---|---|--|
| <b>Product identifier</b>                                     | <b>Engine Shampoo and Degreaser</b>   |  |
| <b>Other means of identification</b>                          |   |  |
| <b>FIR No.</b>  | 200950  |  |
| <b>Recommended use</b>  | Engine shampoo and degreaser  |  |
| <b>Recommended restrictions</b>                               | None known.   |  |
| <b>Manufacturer/Importer/Supplier/Distributor information</b> |   |  |
| <b>Company Name</b>   | Ford Motor Company  |  |
| <b>Address</b>  | Attention: SDS Information, P.O. Box 1899<br>Dearborn, Michigan 48121<br>USA                                      |  |
| <b>Telephone</b>  | 1-800-392-3673  |  |
| <b>SDS Information</b>  | 1-800-448-2063 (USA and Canada)<br>fordsds.com  |  |
| <b>Emergency telephone numbers</b>                            | Poison Control Center: USA and Canada: 1-800-959-3673<br>INFOTRAC (Transportation): USA and Canada 1-800-535-5053 |  |

## 2. Hazard(s) identification

|  |   |            |
|--|---|------------|
| <b>Physical hazards</b>                          | Aerosols  | Category 3 |
| <b>Health hazards</b>                            | Skin corrosion/irritation   | Category 1 |
|  | Serious eye damage/eye irritation   | Category 1 |
| <b>Environmental hazards</b>                     | Not classified.   |            |
| <b>OSHA defined hazards</b>                      | Not classified.   |            |
| <b>Label elements</b>                            |    |            |
| <b>Signal word</b>                               | Danger  |            |
| <b>Hazard statement</b>                          | Pressurized container: May burst if heated. Causes severe skin burns and eye damage. Causes serious eye damage.   |            |
| <b>Precautionary statement</b>                   |   |            |
| <b>Prevention</b>                                | Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Pressurized container: Do not pierce or burn, even after use. Do not breathe dust or mists. Wash thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection.   |            |
| <b>Response</b>                                  | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. IF INHALED: Remove person to fresh air and keep comfortable for breathing. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower. Immediately call a POISON CENTER/doctor. Wash contaminated clothing before reuse. |            |
| <b>Storage</b>                                   | Store locked up. Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.   |            |
| <b>Disposal</b>                                  | Dispose of contents/container in accordance with local/regional/national/international regulations.   |            |
| <b>Hazard(s) not otherwise classified (HNOC)</b> | May cause damage to organs through prolonged or repeated exposure. Kidneys. Liver. Respiratory system.  |            |
| <b>Supplemental information</b>                  | None.   |            |

### 3. Composition/information on ingredients

#### Mixtures

| Chemical name                        | Common name and synonyms | CAS number  | %       |
|--------------------------------------|--------------------------|-------------|---------|
| 2-(2-Butoxyethoxy)ethanol            |                          | 112-34-5    | 3 - 7   |
| 4-nonylphenol, Branched, Ethoxylated |                          | 127087-87-0 | 3 - 7   |
| BUTANE                               |                          | 106-97-8    | 2 - 5   |
| PROPANE                              |                          | 74-98-6     | 1 - 4   |
| Ammonia, aqueous solution            |                          | 1336-21-6   | 0.1 - 1 |
| disodium metasilicate                |                          | 6834-92-0   | 0.1 - 1 |

Specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

### 4. First-aid measures

|   |  |
|---|--|
| <b>Inhalation</b>   | Move to fresh air. Call a physician if symptoms develop or persist.  |
| <b>Skin contact</b>   | Take off immediately all contaminated clothing. Rinse skin with water/shower. Call a physician or poison control center immediately. Chemical burns must be treated by a physician. Wash contaminated clothing before reuse.   |
| <b>Eye contact</b>  | Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician or poison control center immediately.  |
| <b>Ingestion</b>  | Call a physician or poison control center immediately. Rinse mouth. Do not induce vomiting. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs.  |
| <b>Most important symptoms/effects, acute and delayed</b>                     | Burning pain and severe corrosive skin damage. Causes serious eye damage. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Permanent eye damage including blindness could result.  |
| <b>Indication of immediate medical attention and special treatment needed</b> | Provide general supportive measures and treat symptomatically. Chemical burns: Flush with water immediately. While flushing, remove clothes which do not adhere to affected area. Call an ambulance. Continue flushing during transport to hospital. Keep victim under observation. Symptoms may be delayed. |
| <b>General information</b>  | Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.   |

### 5. Fire-fighting measures

|  |  |
|--|--|
| <b>Suitable extinguishing media</b>                                  | Water fog. Foam. Dry chemical powder. Carbon dioxide (CO <sub>2</sub> ).   |
| <b>Unsuitable extinguishing media</b>                                | Do not use water jet as an extinguisher, as this will spread the fire.   |
| <b>Specific hazards arising from the chemical</b>                    | Contents under pressure. Pressurized container may explode when exposed to heat or flame. During fire, gases hazardous to health may be formed. Upon decomposition, this product emits carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons.           |
| <b>Special protective equipment and precautions for firefighters</b> | Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA. Self-contained breathing apparatus and full protective clothing must be worn in case of fire.             |
| <b>Fire fighting equipment/instructions</b>                          | Move containers from fire area if you can do so without risk. Containers should be cooled with water to prevent vapor pressure build up. For massive fire in cargo area, use unmanned hose holder or monitor nozzles, if possible. If not, withdraw and let fire burn out. |
| <b>Specific methods</b>  | Use standard firefighting procedures and consider the hazards of other involved materials. Move containers from fire area if you can do so without risk. In the event of fire and/or explosion do not breathe fumes.   |

### 6. Accidental release measures

|  |  |
|--|--|
| <b>Personal precautions, protective equipment and emergency procedures</b> | Avoid contact with eyes, skin, and clothing. Do not breathe mist/vapors. Ventilate closed spaces before entering them. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Keep people away from and upwind of spill/leak. Keep unnecessary personnel away. Local authorities should be advised if significant spillages cannot be contained. Wear appropriate protective equipment and clothing during clean-up. For personal protection, see section 8 of the SDS. |
|--|--|

**Methods and materials for containment and cleaning up**

Refer to attached safety data sheets and/or instructions for use. Stop leak if you can do so without risk. Absorb in vermiculite, dry sand or earth and place into containers. Following product recovery, flush area with water.

Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination. For waste disposal, see section 13 of the SDS.

**Environmental precautions**

Avoid discharge into drains, water courses or onto the ground.

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

Do not get in eyes, on skin, or on clothing. Avoid breathing mist or vapor. Avoid prolonged exposure. Pressurized container: Do not pierce or burn, even after use. Do not use if spray button is missing or defective. Observe good industrial hygiene practices. Wear appropriate personal protective equipment. Do not re-use empty containers. Do not cut, weld, solder, drill, grind, or expose containers to heat, flame, sparks, or other sources of ignition. For personal protection, see Section 8 of the SDS. Do not breathe mist/vapors. Use only in well-ventilated areas.

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

Store locked up. Pressurized container. Protect from sunlight and do not expose to temperatures exceeding 50°C/122 °F. Do not puncture, incinerate or crush. Do not handle or store near an open flame, heat or other sources of ignition. This material can accumulate static charge which may cause spark and become an ignition source. Store in tightly closed container. Store away from incompatible materials (see Section 10 of the SDS).

**8. Exposure controls/personal protection****Occupational exposure limits**

The following constituents are the only constituents of the product which have a PEL, TLV or other recommended exposure limit. At this time, the other constituents have no known exposure limits.

**US. OSHA Table Z-1 Permissible Exposure Limits (PEL) for Air Contaminants (29 CFR 1910.1000)**

| Components                                | Type | Value      |
|---|------|------------|
| Ammonia, aqueous solution (CAS 1336-21-6) | PEL  | 35 mg/m3   |
|   |      | 50 ppm     |
| PROPANE (CAS 74-98-6)                     | PEL  | 1800 mg/m3 |
|   |      | 1000 ppm   |

**US. ACGIH Threshold Limit Values (TLV)**

| Components                                | Type | Value    | Form                          |
|---|------|----------|-------------------------------|
| 2-(2-Butoxyethoxy)ethanol (CAS 112-34-5)  | TWA  | 10 ppm   | Inhalable fraction and vapor. |
| Ammonia, aqueous solution (CAS 1336-21-6) | STEL | 35 ppm   |                               |
|   | TWA  | 25 ppm   |                               |
| BUTANE (CAS 106-97-8)                     | STEL | 1000 ppm |                               |

**NIOSH. Immediately Dangerous to Life or Health (IDLH) Values, as amended**

| Components                                | Type | Value    |
|---|------|----------|
| Ammonia, aqueous solution (CAS 1336-21-6) | IDLH | 15 %     |
|   |      | 300 ppm  |
| BUTANE (CAS 106-97-8)                     | IDLH | 1.6 %    |
|   |      | 2000 ppm |
|   |      | 1600 ppm |
| PROPANE (CAS 74-98-6)                     | IDLH | 2.1 %    |
|   |      | 2100 ppm |

**US. NIOSH: Pocket Guide to Chemical Hazards Recommended Exposure Limits (REL)**

| Components                                | Type | Value    |
|---|------|----------|
| Ammonia, aqueous solution (CAS 1336-21-6) | STEL | 27 mg/m3 |
|   |      | 35 ppm   |
|   | TWA  | 18 mg/m3 |

**US. NIOSH: Pocket Guide to Chemical Hazards Recommended Exposure Limits (REL)**

| Components  | Type  | Value      |
|---|---|------------|
| BUTANE (CAS 106-97-8)   | TWA   | 25 ppm     |
|   |   | 1900 mg/m3 |
| PROPANE (CAS 74-98-6)   | TWA   | 800 ppm    |
|   |   | 1800 mg/m3 |
|   |   | 1000 ppm   |
| Biological limit values   | No biological exposure limits noted for the ingredient(s).  |            |
| Appropriate engineering controls                                      | Use adequate ventilation to control airborne concentrations below the exposure limits/guidelines. If user operations generate a vapor, dust and/or mist, use process enclosure, appropriate local exhaust ventilation, or other engineering controls to control airborne levels below the recommended exposure limits/guidelines.               |            |
| Individual protection measures, such as personal protective equipment |   |            |
| Eye/face protection   | Wear safety glasses with side shields (or goggles).   |            |
| Skin protection   |   |            |
| Hand protection   | Suitable chemical protective gloves should be worn when the potential exists for skin exposure. The choice of an appropriate glove does not only depend on its material but also on other quality features and is different from one producer to the other. Nitrile gloves are recommended.   |            |
| Other   | Wear appropriate chemical resistant clothing if applicable.   |            |
| Respiratory protection  | If engineering controls do not maintain airborne concentrations to a level which is adequate to protect worker health, an approved respirator must be worn. Respirator selection, use and maintenance should be in accordance with the requirements of OSHA Respiratory Protection Standard 29 CFR 1910.134 and/or Canadian Standard CSA Z94.4. |            |
| Thermal hazards   | Wear appropriate thermal protective clothing, when necessary.   |            |
| General hygiene considerations  | When using do not smoke. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.  |            |

**9. Physical and chemical properties****Appearance**

|   |   |
|---|---|
| <b>Physical state</b>                               | Liquid.                                       |
| <b>Form</b>   | Aerosol.                                      |
| <b>Color</b>  | Various.                                      |
| <b>Odor</b>   | Not available.                                |
| <b>Odor threshold</b>                               | Not available.                                |
| <b>pH</b>   | 12.9  |
| <b>Melting point/freezing point</b>                 | Not available.                                |
| <b>Initial boiling point and boiling range</b>      | Not available.                                |
| <b>Flash point</b>                                  | -20.2 °F (-29.0 °C) Pensky-Martens Closed Cup |
| <b>Evaporation rate</b>                             | 0.1 (BuAc=1)                                  |
| <b>Flammability (solid, gas)</b>                    | Not applicable.                               |
| <b>Upper/lower flammability or explosive limits</b> |   |
| <b>Explosive limit - lower (%)</b>                  | 0.9 %   |
| <b>Explosive limit - upper (%)</b>                  | 9.5 %   |
| <b>Vapor pressure</b>                               | 101.3 kPa                                     |
| <b>Vapor density</b>                                | 1 (Air=1)                                     |
| <b>Relative density</b>                             | 0.96 (Water=1)                                |
| <b>Solubility(ies)</b>                              |   |
| <b>Solubility (water)</b>                           | Not available.                                |
| <b>Partition coefficient (n-octanol/water)</b>      | Not available.                                |
| <b>Auto-ignition temperature</b>                    | Not available.                                |

|                                  |                         |
|----------------------------------|-------------------------|
| <b>Decomposition temperature</b> | Not available.          |
| <b>Viscosity</b>                 | 20.5 mm <sup>2</sup> /s |
| <b>Viscosity temperature</b>     | 104 °F (40 °C)          |
| <b>Other information</b>         |                         |
| <b>Heat of combustion</b>        | 5.81 kJ/g               |
| <b>pH in aqueous solution</b>    | 12.9                    |
| <b>VOC</b>                       | 519 g/l                 |

## 10. Stability and reactivity

|   |   |
|---|---|
| <b>Reactivity</b>                         | Reacts violently with strong acids. This product may react with oxidizing agents.                                   |
| <b>Chemical stability</b>                 | Material is stable under normal conditions.   |
| <b>Possibility of hazardous reactions</b> | Hazardous polymerization does not occur.  |
| <b>Conditions to avoid</b>                | Avoid temperatures exceeding the flash point. Contact with incompatible materials. Do not mix with other chemicals. |
| <b>Incompatible materials</b>             | Acids. Strong oxidizing agents. Oxidizing agents. Chlorine. Fluorine. Nitrates.                                     |
| <b>Hazardous decomposition products</b>   | Upon decomposition, this product emits carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons.    |

## 11. Toxicological information

### Information on likely routes of exposure

|                     |  |
|---------------------|--|
| <b>Inhalation</b>   | May cause irritation to the respiratory system. Prolonged inhalation may be harmful. |
| <b>Skin contact</b> | Causes severe skin burns.  |
| <b>Eye contact</b>  | Causes serious eye damage.   |
| <b>Ingestion</b>    | Causes digestive tract burns.  |

|   |   |
|---|---|
| <b>Symptoms related to the physical, chemical and toxicological characteristics</b> | Burning pain and severe corrosive skin damage. Causes serious eye damage. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Permanent eye damage including blindness could result. |
|---|---|

### Information on toxicological effects

#### Acute toxicity

| Components                                | Species | Calculated/Test Results |
|---|---------|-------------------------|
| Ammonia, aqueous solution (CAS 1336-21-6) |         |                         |
| <u><b>Acute</b></u>                       |         |                         |
| <b>Oral</b>                               |         |                         |
| LD50                                      | Rat     | 350 mg/kg               |
| BUTANE (CAS 106-97-8)                     |         |                         |
| <u><b>Acute</b></u>                       |         |                         |
| <b>Inhalation</b>                         |         |                         |
| LC50                                      | Mouse   | 680 mg/l, 2 Hours       |
|   | Rat     | 658 mg/l, 4 Hours       |
| disodium metasilicate (CAS 6834-92-0)     |         |                         |
| <u><b>Acute</b></u>                       |         |                         |
| <b>Oral</b>                               |         |                         |
| LD50                                      | Mouse   | 2400 mg/kg              |
|   | Rat     | 1280 mg/kg              |
| PROPANE (CAS 74-98-6)                     |         |                         |
| <u><b>Acute</b></u>                       |         |                         |
| <b>Inhalation</b>                         |         |                         |
| LC50                                      | Rat     | > 1464 mg/l, 15 Minutes |
|   |         | > 1443 mg/l, 15 Minutes |

|                                  |  |
|----------------------------------|--|
| <b>Skin corrosion/irritation</b> | Causes severe skin burns and eye damage. |
|----------------------------------|--|

|   |  |
|---|--|
| <b>Serious eye damage/eye irritation</b>                              | Causes serious eye damage.   |
| <b>Respiratory or skin sensitization</b>                              |  |
| <b>Respiratory sensitization</b>                                      | Not a respiratory sensitizer.  |
| <b>Skin sensitization</b>   | This product is not expected to cause skin sensitization.  |
| <b>Germ cell mutagenicity</b>   | No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.     |
| <b>Carcinogenicity</b>  | Not classifiable as to carcinogenicity to humans.  |
| <b>IARC Monographs. Overall Evaluation of Carcinogenicity</b>         |  |
| Not listed.   |  |
| <b>OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053)</b> |  |
| Not listed.   |  |
| <b>Reproductive toxicity</b>  | This product is not expected to cause reproductive or developmental effects.   |
| <b>Specific target organ toxicity - single exposure</b>               | Not classified.  |
| <b>Specific target organ toxicity - repeated exposure</b>             | Not classified.  |
| <b>Aspiration hazard</b>  | Not an aspiration hazard.  |
| <b>Chronic effects</b>  | Prolonged inhalation may be harmful. Causes damage to organs through prolonged or repeated exposure. Kidneys. Liver. |

## 12. Ecological information

|                    |  |
|--------------------|--|
| <b>Ecotoxicity</b> | The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment. |
|--------------------|--|

### Ecotoxicity

| Components                            |      | Species                                 | Calculated/Test Results          |
|---------------------------------------|------|---|----------------------------------|
| disodium metasilicate (CAS 6834-92-0) |      |   |                                  |
| Aquatic                               |      |   |                                  |
| Crustacea                             | EC50 | Water flea (Ceriodaphnia dubia)         | >= 0.28 - <= 0.57 mg/l, 48 hours |
| Fish                                  | LC50 | Western mosquitofish (Gambusia affinis) | 1800 mg/l, 96 hours              |

|                                      |  |
|--------------------------------------|--|
| <b>Persistence and degradability</b> | No data is available on the degradability of any ingredients in the mixture. |
|--------------------------------------|--|

### Bioaccumulative potential

|  |       |
|--|-------|
| <b>Partition coefficient n-octanol / water (log Kow)</b> |       |
| 2-(2-Butoxyethoxy)ethanol                                | 0.56  |
| Ammonia, aqueous solution                                | -2.66 |
| BUTANE   | 2.89  |
| PROPANE  | 2.36  |

|                         |                    |
|-------------------------|--------------------|
| <b>Mobility in soil</b> | No data available. |
|-------------------------|--------------------|

|                              |  |
|------------------------------|--|
| <b>Other adverse effects</b> | The product contains volatile organic compounds which have a photochemical ozone creation potential. |
|------------------------------|--|

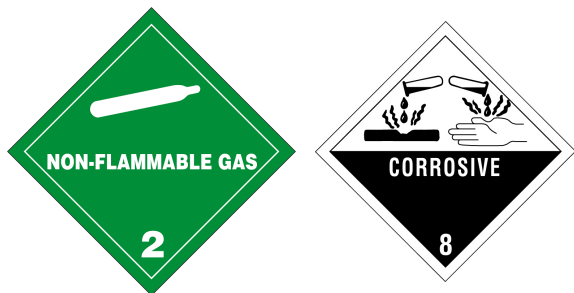
## 13. Disposal considerations

|  |   |
|--|---|
| <b>Disposal instructions</b>                 | Contents under pressure. Do not puncture, incinerate or crush. Dispose of this material and its container to hazardous or special waste collection point. Dispose of contents/container in accordance with local/regional/national/international regulations. |
| <b>Local disposal regulations</b>            | Dispose in accordance with all applicable regulations.  |
| <b>Hazardous waste code</b>                  | D002: Waste Corrosive material [ $\text{pH} \leq 2$ or $\geq 12.5$ , or corrosive to steel]<br>The waste code should be assigned in discussion between the user, the producer and the waste disposal company.   |
| <b>Waste from residues / unused products</b> | Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).  |
| <b>Contaminated packaging</b>                | Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal. Do not re-use empty containers.                    |

## 14. Transport information

|  |  |
|--|--|
| <b>DOT</b>   |  |
| UN number  | UN1950   |
| UN proper shipping name  | Aerosols   |
| Transport hazard class(es)   |  |
| Class  | 2.2  |
| Subsidiary hazard  | 8  |
| Label(s)   | 2.2, 8   |
| Packing group  | -  |
| Environmental hazards  |  |
| Marine pollutant   | No.  |
| Special precautions for user   | Read safety instructions, SDS and emergency procedures before handling.              |
| <b>IATA</b>  |  |
| UN number  | UN1950   |
| UN proper shipping name  | Aerosols, non-flammable  |
| Transport hazard class(es)   |  |
| Class  | 2.2  |
| Subsidiary hazard  | 8  |
| Packing group  | -  |
| Environmental hazards  | No.  |
| Special precautions for user   | Read safety instructions, SDS and emergency procedures before handling.              |
| <b>IMDG</b>  |  |
| UN number  | UN1950   |
| UN proper shipping name  | AEROSOLS, NON-FLAMMABLE, CORROSIVE CONTAINING SUBSTANCES IN CLASS 8, PACKING GROUP 3 |
| Transport hazard class(es)   |  |
| Class  | 2.2  |
| Subsidiary hazard  | 8  |
| Packing group  | -  |
| Environmental hazards  |  |
| Marine pollutant   | No.  |
| EmS  | F-D, S-U   |
| Special precautions for user   | Read safety instructions, SDS and emergency procedures before handling.              |
| Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code | Not established.   |

DOT



IATA; IMDG



## 15. Regulatory information

### US federal regulations

This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

#### Toxic Substances Control Act (TSCA)

##### TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

Not regulated.

#### CERCLA Hazardous Substance List (40 CFR 302.4)

|   |         |
|---|---------|
| 2-(2-Butoxyethoxy)ethanol (CAS 112-34-5)  | Listed. |
| Ammonia, aqueous solution (CAS 1336-21-6) | Listed. |
| BUTANE (CAS 106-97-8)                     | Listed. |
| PROPANE (CAS 74-98-6)                     | Listed. |

#### SARA 304 Emergency release notification

Ammonia, aqueous solution (CAS 1336-21-6) 100 LBS

#### OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053)

Not listed.

### Superfund Amendments and Reauthorization Act of 1986 (SARA)

#### SARA 302 Extremely hazardous substance

| Chemical name             | CAS number | Reportable quantity (pounds) | Threshold planning quantity (pounds) | Threshold planning quantity, lower value (pounds) | Threshold planning quantity, upper value (pounds) |
|---------------------------|------------|------------------------------|--------------------------------------|---|---|
| Ammonia, aqueous solution | 1336-21-6  | 100                          | 500                                  |   |   |

#### SARA 311/312 Hazardous chemical

**Classified hazard categories** Skin corrosion or irritation  
Serious eye damage or eye irritation

#### SARA 313 (TRI reporting)

| Chemical name                        | CAS number  | % by wt. |
|--------------------------------------|-------------|----------|
| 4-nonylphenol, Branched, Ethoxylated | 127087-87-0 | 3 - 7    |

### Other federal regulations

#### Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List

2-(2-Butoxyethoxy)ethanol (CAS 112-34-5)

#### Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)

Ammonia, aqueous solution (CAS 1336-21-6)  
BUTANE (CAS 106-97-8)  
PROPANE (CAS 74-98-6)

**Safe Drinking Water Act (SDWA)** Contains component(s) regulated under the Safe Drinking Water Act.

### US state regulations

#### California Proposition 65



**WARNING:** This product can expose you to chemicals including ETHYLENE OXIDE, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

#### California Proposition 65 - CRT: Listed date/Carcinogenic substance

ETHYLENE OXIDE (CAS 75-21-8) Listed: July 1, 1987

#### California Proposition 65 - CRT: Listed date/Developmental toxin

ETHYLENE OXIDE (CAS 75-21-8) Listed: August 7, 2009

#### California Proposition 65 - CRT: Listed date/Female reproductive toxin

ETHYLENE OXIDE (CAS 75-21-8) Listed: February 27, 1987

#### California Proposition 65 - CRT: Listed date/Male reproductive toxin

ETHYLENE OXIDE (CAS 75-21-8) Listed: August 7, 2009

### International Inventories

All components are listed or are exempt from listing on the Toxic Substances Control Act Inventory.



## 16. Other information, including date of preparation or last revision

|  |  |
|--|--|
| Issue date                             | 04-03-2025   |
| Revision date                          | 04-03-2025   |
| Version                                | 02   |
| HMIS® ratings                          | Health: 3<br>Flammability: 2<br>Physical hazard: 1   |
| NFPA ratings                           | Health: 3<br>Flammability: -<br>Instability: 1   |
| Preparation Information and Disclaimer | <p>This document was prepared by FCSD-Toxicology, Ford Motor Company, Diagnostic Service Center II, 1800 Fairlane Drive, Allen Park, MI 48101, USA, based in part on information provided by the manufacturer. The information on this data sheet represents our current data and is accurate to the best of our knowledge as to the proper handling of this product under normal conditions and in accordance with the application specified on the packaging and/or technical guidance literature. Any other use of the product which involves using the product in combination with any other product or any other process is the responsibility of the user. To the extent that there are any differences between this product's Safety Data Sheet (SDS) and the consumer packaged product labels, the SDS should be followed.</p> |
| Revision information                   | This document has undergone significant changes and should be reviewed in its entirety.  |
| Part number(s)                         | ZC-20  |