SAFETY DATA SHEET

Revision date: 4 December 2017  Initial date of issue: 6 July 2007  SDS No. 131A-23a

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier
740 Heavy Duty Rust Guard (Aerosol)

1.2. Relevant identified uses of the substance or mixture and uses advised against
Coats and protects metal like a paint with minimum surface preparation but is easily removable. Heavy Duty Rust Guard can be used for the protection of metal, tools, fixtures, parts-in-process, equipment, tanks, structures, machinery, tubing, castings, rod, bar and sheet stock. Effective to 80°C (175°F).

1.3. Details of the supplier of the safety data sheet
Company: A.W. CHESTERTON COMPANY
860 Salem Street
Groveland, MA 01834-1507, USA
Tel. +1 978-469-6446    Fax: +1 978-469-6785
(Mon. - Fri. 8:30 - 5:00 PM EST)
SDS requests: www.chesterton.com
E-mail (SDS questions): ProductMSDSs@chesterton.com
E-mail: customer.service@chesterton.com
Canada: A.W. Chesterton Company Ltd., 889 Fraser Drive, Unit 105, Burlington, Ontario L7L 4X8 – Tel. 905-335-5055
EU: Chesterton International GmbH, Am Lenzenfleck 23, D85737 Ismaning, Germany – Tel. +49-89-996-5460

Supplier:

1.4. Emergency telephone number
24 hours per day, 7 days per week
Call Infotrac: 1-800-535-5053
Outside N. America: +1 352-323-3500 (collect)
NSW Poisons Information Centre (Australia): 13 11 26

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture
2.1.1. Classification according to Regulation (EC) No 1272/2008 [CLP]
Aerosol 1, H222, H229
Skin Irrit. 2, H315
Eye Irrit. 2, H319
STOT SE 3, H336
STOT RE 1, H372 (central nervous system)
Aquatic Chronic 2, H411

2.1.2. Classification according to 29 CFR 1910.1200 / WHMIS 2015
Flam. Aerosol 1, H222
Press. Gas (Liq.), H280
Skin Irrit. 2, H315
Eye Irrit. 2, H319
STOT SE 3, H336
STOT RE 1, H372 (central nervous system)
Aquatic Chronic 2, H411

2.1.3. Australian statement of hazardous nature
Hazardous according to criteria of Safe Work Australia.

2.1.4. Additional information
For full text of H-statements: see SECTIONS 2.2 and 16.
2.2. Label elements

2.2.1. Labelling according to Regulation (EC) No 1272/2008 [CLP]

Hazard pictograms:

- Danger

Signal word: Danger

Hazard statements:

- H222 Extremely flammable aerosol.
- H229 Pressurized container: May burst if heated.
- H315 Causes skin irritation.
- H319 Causes serious eye irritation.
- H336 May cause drowsiness or dizziness.
- H372 Causes damage to the central nervous system through prolonged or repeated exposure.
- H411 Toxic to aquatic life with long lasting effects.

Precautionary statements:

- P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- P211 Do not spray on an open flame or other ignition source.
- P251 Do not pierce or burn, even after use.
- P260 Do not breathe vapours.
- P273 Avoid release to the environment.
- P280 Wear protective gloves and eye/face protection.
- P314 Get medical advice/attention if you feel unwell.
- P410/412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C.

Supplemental information: None

2.2.2. Labelling according to 29 CFR 1910.1200 / WHMIS 2015

Hazard pictograms:

- Danger

Signal word: Danger

Hazard statements:

- H222 Extremely flammable aerosol.
- H280 Contains gas under pressure; may explode if heated.
- H315 Causes skin irritation.
- H319 Causes serious eye irritation.
- H336 May cause drowsiness or dizziness.
- H372 Causes damage to the central nervous system through prolonged or repeated exposure.
- H411 Toxic to aquatic life with long lasting effects.

Precautionary statements:

- P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- P211 Do not spray on an open flame or other ignition source.
- P251 Do not pierce or burn, even after use.
- P260 Do not breathe vapours.
- P264 Wash skin thoroughly after handling.
- P270 Do not eat, drink or smoke when using this product.
- P271 Use only outdoors or in a well-ventilated area.
- P280 Wear protective gloves and eye/face protection.
- P302/352 IF ON SKIN: Wash with plenty of soap and water.
- P304/340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
- P305/351/338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P314 Get medical advice/attention if you feel unwell.
- P362/364 Take off contaminated clothing and wash it before reuse.
- P410/412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.
- P403 Store in a well-ventilated place.
- P501 Dispose of contents/container to an approved waste disposal plant.

Supplemental information: None known

2.3. Other hazards

None known
SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Hazardous Ingredients¹</th>
<th>% Wt.</th>
<th>CAS No./EC No.</th>
<th>REACH Reg. No.</th>
<th>CLP/GHS Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stoddard solvent*</td>
<td>20-30</td>
<td>8052-41-3</td>
<td>NA</td>
<td>Flam. Liq. 3, H226</td>
</tr>
<tr>
<td></td>
<td></td>
<td>232-489-3</td>
<td></td>
<td>Asp. Tox. 1, H304</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Eye Irrit. 2, H319</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>STOT RE 1, H372</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Skin Irrit. 2, H315</td>
</tr>
<tr>
<td>Naphtha (petroleum), hydrotreated light*</td>
<td>15-24</td>
<td>64742-49-0</td>
<td>01-211947</td>
<td>Flam. Liq. 2, H225</td>
</tr>
<tr>
<td></td>
<td></td>
<td>265-151-9</td>
<td>5133-43</td>
<td>Asp. Tox. 1, H304</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Skin Irrit. 2, H315</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>STOT SE 3, H336</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Aquatic Chronic 2, H411</td>
</tr>
<tr>
<td>Propane</td>
<td>7-13</td>
<td>74-98-6</td>
<td>200-827-9</td>
<td>Flam. Gas 1, H220</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Press. Gas (Liq.), H280</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Simple Asphyxiant (US/Can.)</td>
</tr>
<tr>
<td>Butane**</td>
<td>7-13</td>
<td>106-97-8</td>
<td>203-448-7</td>
<td>Flam. Gas 1, H220</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Press. Gas (Liq.), H280</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Simple Asphyxiant (US/Can.)</td>
</tr>
<tr>
<td>Distillates (petroleum), hydrotreated light</td>
<td>3-7</td>
<td>64742-47-8</td>
<td>265-149-8</td>
<td>Flam. Liq. 3, H226</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Asp. Tox. 1, H304</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Skin Irrit. 2, H315</td>
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<td></td>
<td></td>
<td></td>
<td></td>
<td>STOT SE 3, H336</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Aquatic Chronic 2, H411</td>
</tr>
</tbody>
</table>

For full text of H-statements: see SECTION 16.

* 1272/2008/EC, GHS, REACH
* WHMIS 2015
* Safe Work Australia

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

**Inhalation:** Remove to fresh air. If not breathing, administer artificial respiration. Contact physician.

**Skin contact:** Wash skin with soap and water. Contact physician if irritation persists.

**Eye contact:** Flush eyes for at least 15 minutes with large amounts of water. Contact physician if irritation persists.

**Ingestion:** Do not induce vomiting. Contact physician immediately.

**Protection of first-aiders:** No action shall be taken involving any personal risk or without suitable training. Avoid contact with the product while providing aid to the victim. Avoid breathing vapors. See section 8 for recommendations on personal protective equipment.

4.2. Most important symptoms and effects, both acute and delayed

Direct contact causes eye and skin irritation. High vapor concentrations may irritate eyes, respiratory tract and possibly cause dizziness, nausea and other central nervous system effects. Causes damage to the central nervous system through prolonged or repeated exposure. Prolonged or repeated skin contact may defat the skin and cause skin irritation.

4.3. Indication of any immediate medical attention and special treatment needed

If ingestion and vomiting occurs, monitor patient for 48 hours for breathing difficulties.

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media

**Suitable extinguishing media:** Carbon dioxide, dry chemical or foam

**Unsuitable extinguishing media:** Water

5.2. Special hazards arising from the substance or mixture

Pressurized containers, when heated, are a potential explosive hazard.
5.3. Advice for firefighters
Cool exposed containers with water. Recommend Firefighters wear self-contained breathing apparatus.

Flammability Classification:  NFPA: Level 3 Aerosol; 16 CFR 1500.3: Extremely flammable aerosol
HAZCHEM Emergency Action Code: 3 Y

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures
Evacuate area. Provide adequate ventilation. Utilize exposure controls and personal protection as specified in Section 8.

6.2. Environmental Precautions
Keep out of sewers, streams and waterways.

6.3. Methods and material for containment and cleaning up
Contain spill to a small area. Keep away from sources of ignition - No smoking. If removal of ignition sources is not possible, then flush material away with water. Pick up with absorbent material (sand, sawdust, clay, etc.) and place in a suitable container for disposal.

6.4. Reference to other sections
Refer to section 13 for disposal advice.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling
Do not spray on a naked flame or any incandescent material. Keep away from sources of ignition - No Smoking. Avoid eating, drinking or smoking in the work area. Utilize exposure controls and personal protection as specified in Section 8.

7.2. Conditions for safe storage, including any incompatibilities
Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C (120°F). Do not pierce or burn, even after use. Store in a well-ventilated place.

7.3. Specific end use(s)
No special precautions.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

<table>
<thead>
<tr>
<th>Ingredients</th>
<th>OSHA PEL¹ ppm</th>
<th>ACGIH TLV² ppm</th>
<th>UK WEL³ ppm</th>
<th>AUSTRALIA ES⁴ ppm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stoddard solvent</td>
<td>500</td>
<td>2900</td>
<td>–</td>
<td>–</td>
</tr>
<tr>
<td>Naphtha (petroleum), hydrotreated light</td>
<td>–</td>
<td>212*</td>
<td>1200*</td>
<td>–</td>
</tr>
<tr>
<td>Propane</td>
<td>1000</td>
<td>1800</td>
<td>**</td>
<td>**</td>
</tr>
<tr>
<td>Butane</td>
<td>***</td>
<td>–</td>
<td>1000</td>
<td>600 STEL: 750</td>
</tr>
<tr>
<td>Distillates (petroleum), hydrotreated light</td>
<td>500</td>
<td>–</td>
<td>179*</td>
<td>1200</td>
</tr>
</tbody>
</table>

¹ United States Occupational Health & Safety Administration permissible exposure limits
² American Conference of Governmental Industrial Hygienists threshold limit values
³ EH40 Workplace exposure limits, Health & Safety Executive
⁴ Adopted National Exposure Standards for Atmospheric Contaminants in the Occupational Environment [NOHSC:1003]

*Based on the procedure described in appendix H, "Reciprocal calculation method for Certain Refined Hydrocarbon Solvent Vapor Mixtures" of the ACGIH TLVs® and BEIs®.
**Simple asphyxiant.
*** U.S. National Institute for Occupational Safety and Health (NIOSH) REL (TWA): 800 ppm, 1900 mg/m³.
Derived No Effect Level (DNEL) according to Regulation (EC) No 1907/2006:

Workers
Not available

Predicted No Effect Concentration (PNEC) according to Regulation (EC) No 1907/2006:
Not available

8.2. Exposure controls
8.2.1. Engineering measures
Good general mechanical ventilation. If exposure limits are exceeded, provide adequate explosion-proof ventilation.

8.2.2. Individual protection measures
Respiratory protection: Not normally needed. If exposure limits are exceeded, use a half or full-face respirator with combined dust/organic vapour filter (e.g., EN filter type A-P). Use self-contained breathing apparatus for entry into confined space, for other poorly ventilated areas and for large spill clean-up sites.

Protective gloves: Chemical resistant gloves (e.g. neoprene, nitrile).

Naphtha (petroleum), hydrotreated light:

<table>
<thead>
<tr>
<th>Contact type</th>
<th>Glove material</th>
<th>Layer thickness</th>
<th>Breakthrough time*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Full</td>
<td>Nitrile rubber</td>
<td>0.40 mm</td>
<td>&gt; 480 min.</td>
</tr>
<tr>
<td>Splash</td>
<td>Nitrile rubber</td>
<td>0.11 mm</td>
<td>&gt; 30 min.</td>
</tr>
</tbody>
</table>

*Determined according to EN374 standard.

Eye and face protection: Safety goggles or face shield.

Other: None

8.2.3. Environmental exposure controls
Refer to sections 6 and 12.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Physical state</th>
<th>moderate viscosity liquid</th>
</tr>
</thead>
<tbody>
<tr>
<td>Colour</td>
<td>brown</td>
</tr>
<tr>
<td>Initial boiling point</td>
<td>98°C (209°F), product only</td>
</tr>
<tr>
<td>Melting point</td>
<td>not applicable</td>
</tr>
<tr>
<td>% Volatile (by volume)</td>
<td>71%, product only</td>
</tr>
<tr>
<td>Flash point</td>
<td>-8°C (18°F), product only</td>
</tr>
<tr>
<td>Method</td>
<td>Tag Closed Cup</td>
</tr>
<tr>
<td>Viscosity</td>
<td>not determined</td>
</tr>
<tr>
<td>Autoignition temperature</td>
<td>not determined</td>
</tr>
<tr>
<td>Decomposition temperature</td>
<td>not determined</td>
</tr>
<tr>
<td>Upper/lower flammability or explosive limits</td>
<td>LEL: 1.1%; UEL: 9.0%</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>not applicable</td>
</tr>
<tr>
<td>Explosive properties</td>
<td>not determined</td>
</tr>
</tbody>
</table>

9.2. Other information
None

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity
Refer to sections 10.3 and 10.5.

10.2. Chemical stability
Stable

10.3. Possibility of hazardous reactions
No dangerous reactions known under conditions of normal use.
10.4. Conditions to avoid
Open flames and high temperatures.

10.5. Incompatible materials
Strong oxidizers like liquid Chlorine and concentrated Oxygen, Potassium Nitrate.

10.6. Hazardous decomposition products
Carbon Monoxide, Carbon Dioxide and other toxic fumes (by combustion).

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Primary route of exposure under normal use:
Inhalation, skin and eye contact. Personnel with pre-existing bronchial or lung conditions are generally aggravated by exposure.

Acute toxicity - Oral:

<table>
<thead>
<tr>
<th>Substance</th>
<th>Test</th>
<th>Result</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stoddard solvent</td>
<td>LD50, rat</td>
<td>&gt; 5000 mg/kg</td>
</tr>
<tr>
<td>Naphtha (petroleum), hydrotreated light</td>
<td>LD50, rabbit</td>
<td>&gt; 5000 mg/kg</td>
</tr>
<tr>
<td>Distillates (petroleum), hydrotreated light</td>
<td>LD50 oral, rat</td>
<td>&gt; 5000 mg/kg</td>
</tr>
</tbody>
</table>

Dermal:

<table>
<thead>
<tr>
<th>Substance</th>
<th>Test</th>
<th>Result</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stoddard solvent</td>
<td>LD50, rabbit</td>
<td>&gt; 3000 mg/kg</td>
</tr>
<tr>
<td>Naphtha (petroleum), hydrotreated light</td>
<td>LD50, rabbit</td>
<td>&gt; 2000 mg/kg</td>
</tr>
<tr>
<td>Distillates (petroleum), hydrotreated light</td>
<td>LD50, rabbit</td>
<td>&gt; 2000 mg/kg</td>
</tr>
</tbody>
</table>

Inhalation:
High vapor concentrations may irritate eyes, respiratory tract and possibly cause dizziness, nausea and other central nervous system effects.

<table>
<thead>
<tr>
<th>Substance</th>
<th>Test</th>
<th>Result</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stoddard solvent</td>
<td>LC50, rat, 4 h</td>
<td>&gt; 5.5 mg/l</td>
</tr>
<tr>
<td>Naphtha (petroleum), hydrotreated light</td>
<td>LC50, rat, 4 h</td>
<td>&gt; 5.6 mg/l</td>
</tr>
<tr>
<td>Distillates (petroleum), hydrotreated light</td>
<td>LC50, rat, 4 h</td>
<td>&gt; 5.28 mg/l</td>
</tr>
</tbody>
</table>

Skin corrosion/irritation:
Causes skin irritation.

<table>
<thead>
<tr>
<th>Substance</th>
<th>Test</th>
<th>Result</th>
</tr>
</thead>
<tbody>
<tr>
<td>Naphtha (petroleum), hydrotreated light</td>
<td>Skin irritation, rabbit</td>
<td>Irritating</td>
</tr>
</tbody>
</table>

Serious eye damage/irritation:
Causes serious eye irritation.

Respiratory or skin sensitisation:

<table>
<thead>
<tr>
<th>Substance</th>
<th>Test</th>
<th>Result</th>
</tr>
</thead>
<tbody>
<tr>
<td>Naphtha (petroleum), hydrotreated light</td>
<td>Skin sensitization, guinea pig</td>
<td>Not sensitizing</td>
</tr>
<tr>
<td>Distillates (petroleum), hydrotreated light</td>
<td>Skin sensitization, guinea pig</td>
<td>Not sensitizing</td>
</tr>
</tbody>
</table>

Germ cell mutagenicity:
Naphtha (petroleum), hydrotreated light, Distillates (petroleum), hydrotreated light: based on available data, the classification criteria are not met.

Carcinogenicity:
As per 29 CFR 1910.1200 (Hazard Communication), this product contains no carcinogens as listed by the National Toxicology Program (NTP), the International Agency for Research on Cancer (IARC), the Occupational Safety and Health Administration (OSHA) or Regulation (EC) No 1272/2008.

Reproductive toxicity:
Naphtha (petroleum), hydrotreated light, Distillates (petroleum), hydrotreated light: based on available data, the classification criteria are not met.

STOT-single exposure:
May cause drowsiness or dizziness.

STOT-repeated exposure:
Causes damage to the central nervous system through prolonged or repeated exposure (Stoddard solvent). Naphtha (petroleum), hydrotreated light, Distillates (petroleum), hydrotreated light: based on available data, the classification criteria are not met.
Aspiration hazard: Based on available data, the classification criteria are not met (kinematic viscosity at 40°C > 20.5 mm²/5).
Other information: None

SECTION 12: ECOLOGICAL INFORMATION
Ecotoxicological data have not been determined specifically for this product. The information given below is based on a knowledge of the components and the ecotoxicology of similar substances.

12.1. Toxicity
Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

12.2. Persistence and degradability
Hazardous ingredients, vapor phase: degradation is expected in the atmospheric environment within days to weeks. Stoddard solvent, Distillates (petroleum), hydrotreated light: inherently biodegradable. Naphtha (petroleum), hydrotreated light: expected to be readily biodegradable.

12.3. Bioaccumulative potential
Naphtha (petroleum), hydrotreated light, Distillates (petroleum), hydrotreated light: Octanol/water partition coefficient (log Kow) 2.1 – 5 (estimated). Petroleum gas: bioconcentration in aquatic organisms is not expected to be significant.

12.4. Mobility in soil
Liquid. Insoluble in water. In determining environmental mobility, consider the product's physical and chemical properties (see Section 9). The hazardous ingredients will rapidly evaporate to the air if released into the environment.

12.5. Results of PBT and vPvB assessment
Not available

12.6. Other adverse effects
None known

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods
Incinerate absorbed material and/or containers with a properly licensed facility. This product is classified as a hazardous waste according to 2008/98/EC. Check local, state and national/federal regulations and comply with the most stringent requirement.

SECTION 14: TRANSPORT INFORMATION

14.1. UN number
ADR/RID/ADN/IMDG/ICAO: UN1950
TDG: UN1950
US DOT: UN1950

14.2. UN proper shipping name
ICAO: Aerosols, Flammable
IMDG: Aerosols
ADR/RID/ADN: Aerosols, flammable
TDG: Aerosols, flammable
US DOT: Aerosols, flammable

14.3. Transport hazard class(es)
ADR/RID/ADN/IMDG/ICAO: 2.1
TDG: 2.1
US DOT: 2.1

14.4. Packing group
ADR/RID/ADN/IMDG/ICAO: NOT APPLICABLE
TDG: NOT APPLICABLE
US DOT: NOT APPLICABLE

14.5. Environmental hazards
NO ENVIRONMENTAL HAZARDS

14.6. Special precautions for user
NO SPECIAL PRECAUTIONS FOR USER

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code
NOT APPLICABLE

14.8. Other information
US DOT: Shipped as Consumer Commodity ORM-D in packaging having a rated capacity gross weight of 66 lb. or less (49 CFR 173.306(i)). ERG NO. 126
IMDG: EmS. F-D, S-U, Shipped as Limited Quantity
SECTION 15: REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

15.1.1. EU regulations

Authorisations under Title VII: Not applicable

Restrictions under Title VIII: None


15.1.2. National regulations

US EPA SARA TITLE III

312 Hazards: 313 Chemicals:

Fire
Immediate
Delayed
Pressure Release

None

Other national regulations: National implementations of the EC Directives referred to in section 15.1.1.

15.2. Chemical safety assessment

No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.

SECTION 16: OTHER INFORMATION

Abbreviations and acronyms:

ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road
ATE: Acute Toxicity Estimate
BCF: Bioconcentration Factor
cATpE: Converted Acute Toxicity point Estimate
CLP: Classification Labelling Packaging Regulation (1272/2008/EC)
ES: Exposure Standard
GHS: Globally Harmonized System
ICAO: International Civil Aviation Organization
IMDG: International Maritime Dangerous Goods
LC50: Lethal Concentration to 50 % of a test population
LD50: Lethal Dose to 50% of a test population
LOEL: Lowest Observed Effect Level
N/A: Not Applicable
NA: Not Available
NOEC: No Observed Effect Concentration
NOEL: No Observed Effect Level
OECD: Organization for Economic Co-operation and Development
PBT: Persistent, Bioaccumulative and Toxic substance
(Q)SAR: Quantitative Structure-Activity Relationship
REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (1907/2006/EC)
REL: Recommended Exposure Limit
RID: Regulations concerning the International Carriage of Dangerous Goods by Rail
SDS: Safety Data Sheet
STEL: Short Term Exposure Limit
STOT RE: Specific Target Organ Toxicity, Repeated Exposure
STOT SE: Specific Target Organ Toxicity, Single Exposure
TDG: Transportation of Dangerous Goods (Canada)
TWA: Time Weighted Average
US DOT: United States Department of Transportation
vPvB: very Persistent and very Bioaccumulative substance
WEL: Workplace Exposure Limit
WHMIS: Workplace Hazardous Materials Information System

Other abbreviations and acronyms can be looked up at www.wikipedia.org.
**Product:** 740 Heavy Duty Rust Guard (Aerosol)

**Date:** 4 December 2017

**SDS No.** 131A-23a

### Key literature references and sources for data:
- Commission des normes, de l’équité, de la santé et de la sécurité du travail (CNESST)
- Chemical Classification and Information Database (CCID)
- European Chemicals Agency (ECHA) - Information on Chemicals
- Hazardous Chemical Information System (HCIS)
- National Institute of Technology and Evaluation (NITE)
- Swedish Chemicals Agency (KEMI)
- U.S. National Library of Medicine Toxicology Data Network (TOXNET)

### Procedure used to derive the classification for mixtures according to Regulation (EC) No 1272/2008 [CLP]:

<table>
<thead>
<tr>
<th>Classification</th>
<th>Classification procedure</th>
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<td>Flam. Aerosol 1, H222</td>
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<td>Eye Irrit. 2, H319</td>
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<td>Skin Irrit. 2, H315</td>
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<td>STOT SE 3, H336</td>
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<tr>
<td>STOT RE 1, H372</td>
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<tr>
<td>Aquatic Chronic 2, H411</td>
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</tbody>
</table>

### Relevant H-statements:
- H20: Extremely flammable gas.
- H222: Extremely flammable aerosol.
- H225: Highly flammable liquid and vapour.
- H226: Flammable liquid and vapour.
- H304: May be fatal if swallowed and enters airways.
- H315: Causes skin irritation.
- H319: Causes serious eye irritation.
- H336: May cause drowsiness or dizziness.
- H372: Causes damage to organs through prolonged or repeated exposure.
- H411: Toxic to aquatic life with long lasting effects.

### Hazard pictogram names:
- Flame, Gas cylinder (non-CLP) exclamation mark, health hazard, environment

### Changes to the SDS in this revision:
- Sections 2.1, 2.2.

**Revision date:** 4 December 2017

**Further information:** None

This information is based solely on data provided by suppliers of the materials used, not on the mixture itself. No warranty is expressed or implied regarding the suitability of the product for the user’s particular purpose. The user must make their own determination as to suitability.