



STEEL-BRIGHT® (Aerosol)

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations
Issue date: 4/19/2010 Revision date: 12/22/2023 Supersedes: 5/22/2018 Version: 8.0

SECTION 1: Identification

1.1. Identification

Product form : Mixture
Product name : STEEL-BRIGHT® (Aerosol)
Product code : SB-01112-NAE

1.2. Recommended use and restrictions on use

Use of the substance/mixture : Cleaner and polish, water emulsion pressurized spray can

1.3. Supplier

Veltek Associates, Inc.
15 Lee Blvd
Malvern, PA 19355-1234 USA
Telephone: +1 610-644-8335 - Fax: +1 610-644-8336
E-mail: vai@sterile.com

In Canada distributed by:
Canada Clean Room (CCR)
20 Cope Dr.
Kanata, ON K2M 2V8, Canada
Telephone: 1-(888)-595-8070

Fisher Scientific
112 Colonnade Road
Ottawa, Ontario, Canada K2E 7L6
Telephone: 1-800-234-7437

VWR International
2360 Argentia Road
Mississauga, Ontario L5N 5Z7
Telephone: 1-800-932-5000

1.4. Emergency telephone number

Emergency number : CARECHEM 24: 1-215-207-0061
1-866-928-0789 (toll free USA)
Canada: 1-800-579-7421 (toll free)
Mexico: +52-55-5004-8763

SECTION 2: Hazard(s) identification

2.1. Classification of the substance or mixture

GHS US classification

| | | |
|--|------|---|
| Flammable aerosol Category 2 | H223 | Flammable aerosol |
| Skin corrosion/irritation Category 2 | H315 | Causes skin irritation |
| Specific target organ toxicity – Single exposure, Category 3, Narcosis | H336 | May cause drowsiness or dizziness |
| Simple Asphyxiant | SIAS | May displace oxygen and cause rapid suffocation |
| Hazardous to the aquatic environment – Chronic Hazard Category 2 | H411 | Toxic to aquatic life with long lasting effects |

Full text of H statements : see section 16

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2.2. GHS Label elements, including precautionary statements

GHS US labeling

Hazard pictograms (GHS US)



Signal word (GHS US)

: Warning

Hazard statements (GHS US)

: H223 - Flammable aerosol
H315 - Causes skin irritation
H336 - May cause drowsiness or dizziness
H411 - Toxic to aquatic life with long lasting effects
May displace oxygen and cause rapid suffocation

Precautionary statements (GHS US)

: 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 - Pressurized container: Do not pierce or burn, even after use.
P261 - Avoid breathing vapors.
P264 - Wash hands, forearms and face thoroughly after handling.
P273 - Avoid release to the environment.
P280 - Wear eye protection, protective gloves, protective clothing.
P302+P352 - IF ON SKIN: Wash with plenty of soap and water.
P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P312 - Call a doctor if you feel unwell.
P332+P313 - If skin irritation occurs: Get medical advice/attention.
P362+P364 - Take off contaminated clothing and wash it before reuse.
P391 - Collect spillage.
P403+P233 - Store in a well-ventilated place. Keep container tightly closed.
P410+P412 - Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.
P501 - Dispose of contents/container to an authorized waste collection point.

2.3. Other hazards which do not result in classification

No additional information available

2.4. Unknown acute toxicity (GHS US)

No additional information available

SECTION 3: Composition/Information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

| Name | Product identifier | % | GHS US classification |
|---|---------------------|-------------|--|
| Distillates (petroleum), hydrotreated light | CAS-No.: 64742-47-8 | ≥ 20 – < 50 | Flam. Liq. 3, H226 Skin Irrit. 2, H315 STOT SE 3, H336 Asp. Tox. 1, H304 Aquatic Chronic 2, H411 |
| White mineral oil (petroleum) | CAS-No.: 8042-47-5 | ≥ 5 – < 10 | Not classified |
| Carbon dioxide | CAS-No.: 124-38-9 | < 1.5 | Not classified |

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| Name | Product identifier | % | GHS US classification |
|------------|--------------------|-------------|---|
| D-Limonene | CAS-No.: 5989-27-5 | 0.25 - 0.45 | Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1B, H317 Asp. Tox. 1, H304 Aquatic Acute 1, H400 Aquatic Chronic 3, H412 |

Full text of hazard classes and H-statements : see section 16

SECTION 4: First-aid measures

4.1. Description of first aid measures

| | |
|---------------------------------------|--|
| First-aid measures general | : Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible). |
| First-aid measures after inhalation | : Remove person to fresh air and keep at rest in a position comfortable for breathing. If symptoms persist, obtain medical attention. |
| First-aid measures after skin contact | : Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse. If skin irritation or rash occurs: Get medical advice/attention. |
| First-aid measures after eye contact | : Rinse immediately with plenty of water. If symptoms develop, obtain medical attention. |
| First-aid measures after ingestion | : Do NOT induce vomiting. Do not give an unconscious person anything to drink. Rinse mouth. Obtain immediate medical attention. |

4.2. Most important symptoms and effects (acute and delayed)

| | |
|---|---|
| Potential Adverse human health effects and symptoms | : Causes skin irritation. May cause drowsiness or dizziness. In high concentrations may cause asphyxiation. Ingestion may cause irritation of the gastrointestinal tract. Skin contact may produce an allergic reaction in sensitive individuals. |
|---|---|

4.3. Immediate medical attention and special treatment, if necessary

Treat symptomatically.

SECTION 5: Fire-fighting measures

5.1. Suitable (and unsuitable) extinguishing media

| | |
|--------------------------------|---|
| Suitable extinguishing media | : Water. Foam. Dry powder. Carbon dioxide. |
| Unsuitable extinguishing media | : Do not use a water jet since it may cause the fire to spread. |

5.2. Specific hazards arising from the chemical

| | |
|--|---|
| Fire hazard | : Flammable aerosol. |
| Explosion hazard | : May form an explosive mixture in the presence of air. Pressurized container: may burst if heated. |
| Hazardous decomposition products in case of fire | : In case of fire product can release: Carbon dioxide. Carbon monoxide. |

5.3. Special protective equipment and precautions for fire-fighters

| | |
|--------------------------------|---|
| Firefighting instructions | : Use water for cooling exposed containers. Move containers from fire area if you can do it without risk. Exercise caution when fighting any chemical fire. Do not allow run-off from fire fighting to enter drains or water courses. |
| Protection during firefighting | : Do not enter fire area without proper protective equipment, including respiratory protection. Use self-contained breathing apparatus when in close proximity to fire. |

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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : Avoid all unnecessary exposure.

6.1.1. For non-emergency personnel

Emergency procedures : Remove all sources of ignition. Ventilate area. Avoid inhaling vapor and/or mists. Avoid contact with skin, eyes and clothing. Evacuate unnecessary personnel.

6.1.2. For emergency responders

Protective equipment : Use personal protective equipment as required. See Section 8.

Emergency procedures : Remove all sources of ignition. Use only non-sparking tools. Ventilate area. Avoid inhaling vapor and/or mists. Avoid contact with skin, eyes and clothing.

6.2. Environmental precautions

Do not allow to enter drains or water courses. Notify authorities if product enters sewers or public waters.

6.3. Methods and material for containment and cleaning up

For containment : Stop leak, if possible without risk. Dam up the liquid spill.

Methods for cleaning up : Use only non-sparking tools. Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal. Store away from other materials.

6.4. Reference to other sections

SECTION 8: Exposure controls/personal protection. SECTION 13: Disposal considerations.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not spray on an open flame or other ignition source. Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F. Pressurized container: may burst if heated. Do not pierce or burn, even after use. Provide adequate ventilation. Avoid contact with skin, eyes and clothing. Avoid inhaling vapor and/or mists.

Hygiene measures : Do not eat, drink or smoke when using this product. Handle in accordance with good industrial hygiene and safety practice. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Take off immediately all contaminated clothing and wash it before reuse. Contaminated work clothing should not be allowed out of the workplace.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F. Store in a well-ventilated place. Keep container tightly closed.

Incompatible materials : Strong oxidizing agents.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Carbon dioxide (124-38-9)

USA - ACGIH - Occupational Exposure Limits

| | |
|------------|----------------|
| Local name | Carbon dioxide |
|------------|----------------|

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| Carbon dioxide (124-38-9) | |
|--|---|
| ACGIH TWA (ppm) | 5000 ppm |
| ACGIH STEL (ppm) | 30000 ppm |
| Remark (ACGIH) | Asphyxia |
| Regulatory reference | ACGIH 2023 |
| USA - OSHA - Occupational Exposure Limits | |
| Local name | Carbon dioxide |
| OSHA PEL (TWA) (mg/m ³) | 9000 mg/m ³ |
| OSHA PEL TWA | 5000 ppm |
| Regulatory reference (US-OSHA) | OSHA Annotated Table Z-1 |
| White mineral oil (petroleum) (8042-47-5) | |
| USA - ACGIH - Occupational Exposure Limits | |
| Local name | Mineral oil, excluding metal working fluids Pure, highly and severely refined |
| ACGIH TWA (mg/m ³) | 5 mg/m ³ (I - Inhalable particulate matter) |
| Remark (ACGIH) | TLV® Basis: URT irr. Notations: A4 (Not classifiable as a Human Carcinogen) |
| Regulatory reference | ACGIH 2023 |
| USA - OSHA - Occupational Exposure Limits | |
| Local name | Oil mist, mineral |
| OSHA PEL (TWA) (mg/m ³) | 5 mg/m ³ Mist |
| Regulatory reference (US-OSHA) | OSHA Annotated Table Z-1 |

8.2. Appropriate engineering controls

Appropriate engineering controls : Provide adequate ventilation.
Environmental exposure controls : Avoid release to the environment. Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.

8.3. Individual protection measures/Personal protective equipment

Personal protective equipment:

Avoid all unnecessary exposure.

Hand protection:

Wear chemically resistant protective gloves. The exact breakthrough time has to be found out by the manufacturer of the protective gloves and has to be observed. Gloves should be removed and replaced if there are any signs of degradation or breakthrough.

Eye protection:

Not required for normal conditions of use. Wear goggles or safety glasses with side shields if contact with the eyes is possible

Skin and body protection:

Wear suitable protective clothing

Respiratory protection:

Not required for normal conditions of use. In case of insufficient ventilation, wear suitable respiratory equipment.

Thermal hazard protection:

Not required for normal conditions of use.

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Other information:

Do not eat, drink or smoke during use. Handle in accordance with good industrial hygiene and safety procedures.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | |
|---|---|
| Physical state | : Liquid |
| Appearance | : Aerosol. |
| Color | : White |
| Odor | : Citrus. Hydrocarbon |
| Odor threshold | : No data available |
| pH | : ≈ 3.63 |
| pH solution concentration | : 100 % |
| Melting point | : Not applicable |
| Freezing point | : No data available |
| Boiling point | : No data available |
| Flash point | : No data available |
| Relative evaporation rate (butyl acetate=1) | : No data available |
| Flammability (solid, gas) | : Flammable aerosol. |
| Vapor pressure | : No data available |
| Relative vapor density at 20°C | : No data available |
| Relative density | : 0.8 – 0.9 (Water = 1) |
| Solubility | : No data available |
| Log Pow | : No data available |
| Auto-ignition temperature | : No data available |
| Decomposition temperature | : No data available |
| Viscosity, kinematic | : 4.55 mm ² /s @ 40°C |
| Viscosity, dynamic | : No data available |
| Explosion limits | : No data available |
| Explosive properties | : May form an explosive mixture in the presence of air. Pressurized container: may burst if heated. |
| Oxidizing properties | : Not oxidizing. |

9.2. Other information

Other properties : Heat of combustion: 11.827 kJ/g (ASTM D240). Ignition distance test: Ignition at: 30 cm.

SECTION 10: Stability and reactivity

10.1. Reactivity

Stable under recommended handling and storage conditions (see section 7). Flammable aerosol.

10.2. Chemical stability

Stable under recommended handling and storage conditions (see section 7).

10.3. Possibility of hazardous reactions

May form an explosive mixture in the presence of air. Under fire conditions closed containers may rupture or explode.

10.4. Conditions to avoid

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Direct sunlight. Extremely high or low temperatures.

10.5. Incompatible materials

Strong oxidizing agents.

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10.6. Hazardous decomposition products

In case of fire product can release: Carbon monoxide. Carbon dioxide.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral) : Not classified
Acute toxicity (dermal) : Not classified
Acute toxicity (inhalation) : Not classified

D-Limonene (5989-27-5)

| | |
|----------------|--|
| LD50 oral, rat | > 2000 mg/kg body weight (female), (OECD 423 method) |
|----------------|--|

Distillates (petroleum), hydrotreated light (64742-47-8)

| | |
|-----------------------------|-----------------------|
| LD50 oral, rat | > 5000 mg/kg |
| LD50 dermal, rabbit | > 2000 mg/kg |
| LC50 inhalation, rat (mg/l) | > 5.28 mg/l - 4 Hours |

White mineral oil (petroleum) (8042-47-5)

| | |
|-----------------------------|--------------------------------|
| LD50 oral, rat | > 5000 mg/kg (OECD 401 method) |
| LD50 dermal, rabbit | > 2000 mg/kg (OECD 402 method) |
| LC50 inhalation, rat (mg/l) | > 5 mg/l (OECD 403 method) |

Skin corrosion/irritation : Causes skin irritation.
pH: ≈ 3.63

Serious eye damage/irritation : Not classified
pH: ≈ 3.63

Respiratory or skin sensitization : Not classified

Germ cell mutagenicity : Not classified

Carcinogenicity : Not classified

D-Limonene (5989-27-5)

| | |
|------------|----------------------|
| IARC group | 3 - Not classifiable |
|------------|----------------------|

Reproductive toxicity : Not classified

STOT-single exposure : May cause drowsiness or dizziness.

Distillates (petroleum), hydrotreated light (64742-47-8)

| | |
|----------------------|------------------------------------|
| STOT-single exposure | May cause drowsiness or dizziness. |
|----------------------|------------------------------------|

STOT-repeated exposure : Not classified

Aspiration hazard : Not classified.

Viscosity, kinematic : 4.55 mm²/s @ 40°C

Potential Adverse human health effects and symptoms : Causes skin irritation. May cause drowsiness or dizziness. In high concentrations may cause asphyxiation. Ingestion may cause irritation of the gastrointestinal tract. Skin contact may produce an allergic reaction in sensitive individuals.

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : Toxic to aquatic life with long lasting effects.

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| D-Limonene (5989-27-5) | |
|---|---|
| LC50 fish | 720 µg/l - 96 Hours (Pimephales promelas) |
| EC50 Daphnia | 0.307 mg/l - 48 Hours (Daphnia magna, Mobility), (OECD 202 method) |
| EC50 72h - Algae [1] | 0.32 - 72 Hours (Pseudokirchneriella subcapitata), (OECD 201 method) |
| NOEC chronic fish | 0.059 – 3.7 mg/l - 8 days (Pimephales promelas, reproduction), (OECD 212 method) |
| NOEC chronic crustacea | 80 µg/L 21 days (Daphnia magna) (OECD 211 method) |
| EC10, daphnia, Chronic | 153 µg/l (21 days, Daphnia magna, reproduction (OECD 211 method)) |
| EC10, algae | 0.174 mg/l (72 Hours, Pseudokirchneriella subcapitata, Growth rate (OECD 201 method)) |
| Distillates (petroleum), hydrotreated light (64742-47-8) | |
| LC50 fish | 2 – 5 mg/l 96h (OECD 203 method) |
| EC50 Daphnia | 1.4 mg/l 48h (OECD 202 method) |
| EC50 72h - Algae [1] | 1 – 3 mg/l 72h (OECD 201 method) |
| ErC50 algae | 1 – 3 mg/l 72h (OECD 201 method) |
| NOEC (chronic) | 0.098 mg/l 28d (QSAR) |
| NOEC chronic fish | 0.098 mg/l - 28 days (Oncorhynchus mykiss, WAF, QSAR) |
| NOEC chronic crustacea | 0.48 mg/l 21d (OECD 211 method) |
| NOEC chronic algae | 1 mg/l 72h (OECD 201 method) |
| White mineral oil (petroleum) (8042-47-5) | |
| LC50 fish | > 10000 mg/l - 96 Hours (Leuciscus idus melanotus, WAF) |
| EC50 Daphnia | > 100 mg/l - 48 Hours (Daphnia magna, WAF) |
| NOEC (chronic) | ≥ 1000 mg/l 28d (QSAR) |
| NOEC chronic fish | ≥ 1000 mg/l - 28 days (Oncorhynchus mykiss, WAF, QSAR) |
| 12.2. Persistence and degradability | |
| STEEL-BRIGHT® (Aerosol) | |
| Persistence and degradability | Expected to be readily biodegradable. Oxidizes on exposure to air. |
| Carbon dioxide (124-38-9) | |
| Persistence and degradability | Not established. |
| D-Limonene (5989-27-5) | |
| Persistence and degradability | Readily biodegradable. |
| Biodegradation | 71.4 % - 28 days (OECD 301B method) |
| Distillates (petroleum), hydrotreated light (64742-47-8) | |
| Persistence and degradability | Substance is complex UVCB, Inherently biodegradable. |
| White mineral oil (petroleum) (8042-47-5) | |
| Persistence and degradability | Substance is complex UVCB. |

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12.3. Bioaccumulative potential

STEEL-BRIGHT® (Aerosol)

Bioaccumulative potential Potentially bioaccumulable.

D-Limonene (5989-27-5)

Log Pow 4.38 (37 °C, pH 7.2), (OECD 117 method)

Distillates (petroleum), hydrotreated light (64742-47-8)

Bioaccumulative potential Substance is complex UVCB.

White mineral oil (petroleum) (8042-47-5)

Bioaccumulative potential Substance is complex UVCB.

12.4. Mobility in soil

STEEL-BRIGHT® (Aerosol)

Ecology - soil low mobility.

D-Limonene (5989-27-5)

Ecology - soil Slightly soluble in: Water.

Distillates (petroleum), hydrotreated light (64742-47-8)

Ecology - soil Substance is complex UVCB.

White mineral oil (petroleum) (8042-47-5)

Ecology - soil Substance is complex UVCB.

12.5. Other adverse effects

Other information : Avoid release to the environment.

SECTION 13: Disposal considerations

13.1. Disposal methods

Waste disposal recommendations : Dispose in a safe manner in accordance with local/national regulations.

SECTION 14: Transport information

In accordance with DOT / TDG / IMDG / IATA

14.1. UN number

DOT NA No : UN1950
UN-No. (TDG) : UN1950
UN-No. (IMDG) : 1950
UN-No. (IATA) : 1950

14.2. UN proper shipping name

Proper Shipping Name (DOT) : Aerosols
Proper Shipping Name (TDG) : AEROSOLS
Proper Shipping Name (IMDG) : AEROSOLS
Proper Shipping Name (IATA) : Aerosols, flammable

STEEL-BRIGHT® (Aerosol)

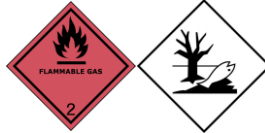
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14.3. Transport hazard class(es)

DOT

Transport hazard class(es) (DOT) : 2.1
Hazard labels (DOT) : 2.1



TDG

Transport hazard class(es) (TDG) : 2.1
Hazard labels (TDG) : 2.1



IMDG

Transport hazard class(es) (IMDG) : 2.1
Hazard labels (IMDG) : 2.1



IATA

Transport hazard class(es) (IATA) : 2.1
Hazard labels (IATA) : 2.1



14.4. Packing group

Packing group (DOT) : Not applicable
Packing group (TDG) : Not applicable
Packing group (IMDG) : Not applicable
Packing group (IATA) : Not applicable

14.5. Environmental hazards

Dangerous for the environment : Yes
Marine pollutant : Yes



Other information : No supplementary information available.

14.6. Special precautions for user

DOT
UN-No.(DOT) : UN1950
DOT Special Provisions (49 CFR 172.102) : N82 - See 173.306 of this subchapter for classification criteria for flammable aerosols.
DOT Packaging Exceptions (49 CFR 173.xxx) : 306

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| | |
|--|---|
| DOT Packaging Non Bulk (49 CFR 173.xxx) | : None |
| DOT Packaging Bulk (49 CFR 173.xxx) | : None |
| DOT Quantity Limitations Passenger aircraft/rail (49 CFR 173.27) | : 75 kg |
| DOT Quantity Limitations Cargo aircraft only (49 CFR 175.75) | : 150 kg |
| DOT Vessel Stowage Location | : A - The material may be stowed "on deck" or "under deck" on a cargo vessel and on a passenger vessel. |
| DOT Vessel Stowage Other | : 25 - Protected from sources of heat, 87 - Stow "separated from" Class 1 (explosives) except Division 14, 126 - Segregation same as for Class 9, miscellaneous hazardous materials |

TDG

| | |
|---|---|
| UN-No. (TDG) | : UN1950 |
| TDG Special Provisions | : 80 - Despite section 1.17 of Part 1 (Coming into Force, Repeal, Interpretation, General Provisions and Special Cases), a person must not offer for transport or transport these dangerous goods unless they are in a means of containment that is in compliance with the requirements for transporting gases in Part 5 (Means of Containment), 107 - (1) These Regulations, except for Part 1 (Coming into Force, Repeal, Interpretation, General Provisions and Special Cases) and Part 2 (Classification), do not apply to the handling, offering for transport or transporting of UN1950, AEROSOLS, and UN2037, GAS CARTRIDGES, that contain dangerous goods included in Class 2.1 or Class 2.2 and that are transported on a road vehicle, a railway vehicle or a vessel on a domestic voyage, if the aerosols or gas cartridges have a capacity less than or equal to 50 mL. (2) Subsection (1) does not apply to self-defence spray. |
| Explosive Limit and Limited Quantity Index | : 1 L |
| Excepted quantities (TDG) | : E0 |
| Passenger Carrying Road Vehicle or Passenger Carrying Railway Vehicle Index | : 75 L |
| Emergency Response Guide (ERG) Number | : 126 |

IMDG

No data available

IATA

No data available

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

SECTION 15: Regulatory information

15.1. US Federal regulations

| STEEL-BRIGHT® (Aerosol) | |
|-------------------------------------|---|
| SARA Section 311/312 Hazard Classes | Physical hazard - Flammable (gases, aerosols, liquids, or solids) Health hazard - Simple asphyxiant Health hazard - Skin corrosion or Irritation Health hazard - Specific target organ toxicity (single or repeated exposure) Health hazard - Aspiration hazard |

Commercial status of components according to the United States Environmental Protection Agency's Toxic Substances Control Act (TSCA):

| Name | CAS-No. | Listing | Commercial status | Flags |
|----------------|-----------|---------|-------------------|-------|
| Carbon dioxide | 124-38-9 | Present | Active | |
| D-Limonene | 5989-27-5 | Present | Active | |

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| Name | CAS-No. | Listing | Commercial status | Flags |
|---|------------|---------|-------------------|-------|
| Distillates (petroleum), hydrotreated light | 64742-47-8 | Present | Active | |
| White mineral oil (petroleum) | 8042-47-5 | Present | Active | |

15.2. International regulations

CANADA

Carbon dioxide (124-38-9)

Listed on the Canadian DSL (Domestic Substances List)

D-Limonene (5989-27-5)

Listed on the Canadian DSL (Domestic Substances List)

Distillates (petroleum), hydrotreated light (64742-47-8)

Listed on the Canadian DSL (Domestic Substances List)

EU-Regulations

No additional information available

National regulations

Carbon dioxide (124-38-9)

Listed on INSQ (Mexican National Inventory of Chemical Substances)

D-Limonene (5989-27-5)

Listed on INSQ (Mexican National Inventory of Chemical Substances)

Distillates (petroleum), hydrotreated light (64742-47-8)

Listed on INSQ (Mexican National Inventory of Chemical Substances)

15.3. US State regulations

California Proposition 65 - This product does not contain any substances known to the state of California to cause cancer, developmental and/or reproductive harm

| Component | State or local regulations |
|--------------------------|---|
| Carbon dioxide(124-38-9) | U.S. - Massachusetts - Right To Know List; U.S. - New Jersey - Right to Know Hazardous Substance List; U.S. - Pennsylvania - RTK (Right to Know) List |

SECTION 16: Other information

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Revision date : 12/14/2023

Data sources : US OSHA HazCom (GHS) 25 May 2012. ECHA (European Chemicals Agency), <http://echa.europa.eu/>.

Other information : Classification procedure. Health hazards: Calculation method. Physical hazards: On basis of test data. Environmental hazards: Calculation method.

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| Full text of H-phrases | |
|------------------------|---|
| H223 | Flammable aerosol |
| H226 | Flammable liquid and vapor |
| H304 | May be fatal if swallowed and enters airways |
| H315 | Causes skin irritation |
| H317 | May cause an allergic skin reaction |
| H336 | May cause drowsiness or dizziness |
| H400 | Very toxic to aquatic life |
| H411 | Toxic to aquatic life with long lasting effects |
| H412 | Harmful to aquatic life with long lasting effects |

| Abbreviations and acronyms | |
|----------------------------|---|
| | ACGIH (American Conference of Government Industrial Hygienists) |
| | ATE (Acute Toxicity Estimate) |
| | CAS (Chemical Abstracts Service) number |
| | DNEL (Derived No Effect Level) |
| | EC50 (Effective Concentration 50%) |
| | IARC (International Agency for Research on Cancer) |
| | IATA (International Air Transport Association) |
| | IMDG (International Maritime Dangerous Goods Code) |
| | IMO (International Maritime Organisation) |
| | LC50 (Lethal Concentration 50%) |
| | LD50 (Lethal Dose 50%) |
| | OECD (Organisation for Economic Co-operation and Development) |
| | OSHA (Occupational Safety and Health Administration) (US) |
| | PBT (Persistent, Bioaccumulative and Toxic) |
| | PNEC (Predicted No Effect Concentration) |
| | STEL (Short Term Exposure Limit) |
| | TSCA (Toxic Substances Control Act) (US) |
| | TWA (Time Weighted Average) |
| | UNxxxx (Number assigned by the United Nations Committee of Experts on the Transport of Dangerous Goods) |
| | vPvB (very Persistent and very Bioaccumulative) |

NFPA health hazard

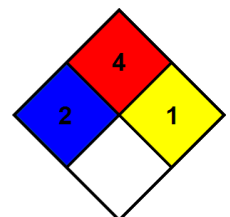
: 2 - Materials that, under emergency conditions, can cause temporary incapacitation or residual injury.

NFPA fire hazard

: 4 - Materials that rapidly or completely vaporize at atmospheric pressure and normal ambient temperature or that are readily dispersed in air and burn readily.

NFPA reactivity

: 1 - Materials that in themselves are normally stable but can become unstable at elevated temperatures and pressures.



STEEL-BRIGHT® (Aerosol)

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

| | | |
|---------------------|---|--|
| Hazard Rating | : | 2 Moderate Hazard - Temporary or minor injury may occur |
| Health | : | 4 Severe Hazard - Flammable gases, or very volatile flammable liquids with flash points below 73 F, and boiling points below 100 F. Materials may ignite spontaneously with air. (Class IA) |
| Flammability | : | 4 Severe Hazard - Flammable gases, or very volatile flammable liquids with flash points below 73 F, and boiling points below 100 F. Materials may ignite spontaneously with air. (Class IA) |
| Physical | : | 1 Slight Hazard - Materials that are normally stable but can become unstable (self-react) at high temperatures and pressures. Materials may react non-violently with water or undergo hazardous polymerization in the absence of inhibitors. |
| Personal protection | : | C - Safety glasses, Gloves, Synthetic apron |

| Indication of changes: | | | |
|------------------------|---|----------|-------------------------------------|
| Section | Changed item | Change | Comments |
| 1 | Identification | Modified | No additional information available |
| 2 | Hazards identification | Modified | No additional information available |
| 3 | Composition/Information on ingredients | Modified | No additional information available |
| 4 | First aid measures | Modified | No additional information available |
| 5 | Fire fighting measures | Modified | No additional information available |
| 6 | Accidental release measures | Modified | No additional information available |
| 7 | Handling and storage | Modified | No additional information available |
| 8 | Exposure controls / Personal protection equipment | Modified | No additional information available |
| 9 | Physical and chemical properties | Modified | No additional information available |
| 10 | Stability and reactivity | Modified | No additional information available |
| 11 | Toxicological information | Modified | No additional information available |
| 12. | Ecological information | Modified | No additional information available |
| 13 | Waste disposal recommendations | Modified | No additional information available |
| 15 | Regulatory information | Modified | No additional information available |
| 16 | Other information | Modified | No additional information available |

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