

Valvoline[™] Conventional Daily Protection SAE 10W-30 Motor Oil

| Version: 1.13 | Revision Da | te: 09/23/2020 | Print Date: 11/24/2020 |
|---|-----------------|---|---------------------------|
| 29 CFR 1910.1200 (OSHA Haz SECTION 1. PRODUCT AND C | | ITIFICATION | |
| Product identifier | | | |
| Trade name | : Valvo Moto | oline™ Conventional Daily Protection SAE or Oil | 10W-30 |
| Product code | : 8811 | 56 | |
| Details of the supplier of t sheet Valvoline LLC 100 Valvoline Way Lexington, KY 40509 United States of America (L 1-800-TEAMVAL (1-800-83 SDS@valvoline.com | JSA) | Emergency telephone number 1-800-VALVOLINE (1-800-825-8654 Regulatory Information Number 1-800-TEAMVAL (1-800-832-6825) Product Information 1-800-TEAMVAL (1-800-832-6825) | +) |

SECTION 2. HAZARDS IDENTIFICATION

GHS Classification

Not a hazardous substance or mixture.

GHS label elements

Not a hazardous substance or mixture.

Other hazards

None known.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

Chemical nature : Defatter

Hazardous components

| Chemical name | CAS-No. | Classification | Concentration (%) |
|--------------------------|------------|-----------------------|-------------------|
| DISTILLATES (PETROLEUM), | 64742-54-7 | Not a hazardous | >=80.00 - < 90.00 |
| HYDROTREATED HEAVY | | substance or mixture. | |
| PARAFFINIC | | | |
| DISTILLATES (PETROLEUM), | 64742-54-7 | Not a hazardous | >=5.00 - < 10.00 |



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| HYDROTREATED HEAVY PARAFFINIC | | substance or mixture. | |
| HYDROTREATED LIGHT PARAFFINIC DISTILLATE | 64742-55-8 | Asp. Tox. 1; H304 | >=1.50 - < 5.00 |

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Actual concentration is withheld as a trade secret

| SECTION 4. FIRST AID MEASURES | | | | | |
|---|---|--|--|--|--|
| General advice | : Do not leave the victim unattended. Show this safety data sheet to the doctor in attendance. Move out of dangerous area. | | | | |
| If inhaled | If breathed in, move person into fresh air. If unconscious, place in recovery position and seek medical advice. If symptoms persist, call a physician. | | | | |
| In case of skin contact | Wash contaminated clothing before re-use. If on skin, rinse well with water. Remove contaminated clothing. If irritation develops, get medical attention. | | | | |
| In case of eye contact | Protect unharmed eye. Remove contact lenses. Immediately flush eye(s) with plenty of water. | | | | |
| If swallowed | Do not give milk or alcoholic beverages. Never give anything by mouth to an unconscious person. If symptoms persist, call a physician. | | | | |
| Most important symptoms and effects, both acute and delayed | : No symptoms known or expected. | | | | |
| Notes to physician | : No hazards which require special first aid measures. | | | | |

SECTION 5. FIREFIGHTING MEASURES

| Suitable extinguishing media | : | Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Water spray Foam Carbon dioxide (CO2) Dry chemical |
|------------------------------|---|---|
| Unsuitable extinguishing | : | High volume water jet |



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| media | | |
| Specific hazards during firefighting | : Do not allow run-off from fire fighting to enter drains courses. | or water |
| Hazardous combustion products | : carbon dioxide and carbon monoxide | |
| Specific extinguishing methods | : | |
| | Product is compatible with standard fire-fighting age | nts. |
| Further information | : Standard procedure for chemical fires. | |
| Special protective equipment for firefighters | : In the event of fire, wear self-contained breathing ap | paratus. |

SECTION 6. ACCIDENTAL RELEASE MEASURES

| Personal precautions, protective equipment and emergency procedures | Persons not wearing protective equipment should be from area of spill until clean-up has been completed. Use personal protective equipment. | |
|---|--|------------|
| Environmental precautions | Prevent further leakage or spillage if safe to do so. | |
| Methods and materials for containment and cleaning up | Soak up with inert absorbent material (e.g. sand, silic acid binder, universal binder, sawdust). Keep in suitable, closed containers for disposal. | ca gel, |
| Other information | Comply with all applicable federal, state, and local re | gulations. |

SECTION 7. HANDLING AND STORAGE

| Advice on safe handling | Dispose of rinse water in accordance with local and national regulations. For personal protection see section 8. Smoking, eating and drinking should be prohibited in the application area. Avoid contact with skin and eyes. Container hazardous when empty. Do not smoke. Do not breathe vapours/dust. |
|-----------------------------|--|
| Conditions for safe storage | : Keep container tightly closed in a dry and well-ventilated place. |



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SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

| Components | CAS-No. | Value type (Form of exposure) | Control parameters / Permissible concentration | Basis |
|--|------------|-------------------------------------|---|-----------|
| DISTILLATES (PETROLEUM), HYDROTREATED HEAVY PARAFFINIC | 64742-54-7 | TWA | 5 mg/m3 Mist | OSHA Z-1 |
| | | TWA | 5 mg/m3 Inhalable particulate matter | ACGIH |
| | | TWA | 5 mg/m3 Mist | OSHA P0 |
| | | TWA | 5 mg/m3 Mist | NIOSH REL |
| | | ST | 10 mg/m3 Mist | NIOSH REL |
| | | PEL | 5 mg/m3 particulate | CAL PEL |
| DISTILLATES (PETROLEUM), HYDROTREATED HEAVY PARAFFINIC | 64742-54-7 | TWA | 5 mg/m3 Mist | OSHA Z-1 |
| | | TWA | 5 mg/m3 Inhalable particulate matter | ACGIH |
| | | TWA | 5 mg/m3 Mist | OSHA P0 |
| | | TWA | 5 mg/m3 Mist | NIOSH REL |
| | | ST | 10 mg/m3 Mist | NIOSH REL |
| | | PEL | 5 mg/m3 particulate | CAL PEL |
| HYDROTREATED LIGHT PARAFFINIC DISTILLATE | 64742-55-8 | TWA | 5 mg/m3 Mist | OSHA Z-1 |
| | | TWA | 5 mg/m3 Inhalable particulate matter | ACGIH |
| | | TWA | 5 mg/m3 Mist | OSHA P0 |
| | | TWA | 5 mg/m3 Mist | NIOSH REL |
| | | ST | 10 mg/m3 Mist | NIOSH REL |
| | | PEL | 5 mg/m3 | CAL PEL |



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| | particulate | |
| Engineering measures | : Provide sufficient mechanical (general and/or local exhaust) ventilation to maintain exposure below exposure guidelines applicable) or below levels that cause known, suspected or apparent adverse effects. | |
| Personal protective equipr Respiratory protection | nt No personal respiratory protective equipment normally required. | |
| Hand protection Remarks | : The suitability for a specific workplace should be discussed with the producers of the protective gloves. | |
| Eye protection | : Wear chemical splash goggles when there is the potential for exposure of the eyes to liquid, vapor or mist. | or |
| Skin and body protection | Wear resistant gloves (consult your safety equipment supplier). Choose body protection according to the amount and concentration of the dangerous substance at the work place Safety shoes Impervious clothing Wear as appropriate: |) . |
| Hygiene measures | : When using do not smoke. When using do not eat or drink. Wash hands before breaks and at the end of workday. | |

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

| Appearance | : | liquid |
|------------------------------|---|-----------------------------|
| Odour | : | No data available |
| Odour Threshold | : | No data available |
| рН | : | No data available |
| Melting point/freezing point | : | No data available |
| Boiling point/boiling range | : | No data available |
| Flash point | : | 394 - 480 °F / 201 - 249 °C |
| | | Method: Cleveland open cup |



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| Evaporation rate | · No | data available | |
| Flammability (solid, gas) | | data available | |
| | | data available | |
| Self-ignition | | | |
| Upper explosion limit / Upper flammability limit | : No (| data available | |
| Lower explosion limit / Lower flammability limit | : No (| data available | |
| Vapour pressure | | 33333 hPa (70.00 °F / 21.11 °C) culated Vapor Pressure | |
| Relative vapour density | : No | data available | |
| Relative density | : 0.86 | 68 (60.01 °F / 15.56 °C) | |
| Density | : 0.86 | 8 g/cm3 | |
| Solubility(ies) Water solubility | : No | data available | |
| Solubility in other solvents | : No | data available | |
| Partition coefficient: n- octanol/water | : No (| data available | |
| Decomposition temperature | : | | |
| | No | data available | |
| Viscosity Viscosity, dynamic | : No | data available | |
| Viscosity, kinematic | : 70 r | nm2/s (104 °F / 40 °C) | |
| Oxidizing properties | : No o | data available | |

SECTION 10. STABILITY AND REACTIVITY

| Reactivity | : No decomposition if stored and applied as directed. |
|------------------------------------|---|
| Chemical stability | : Stable under recommended storage conditions. |
| Possibility of hazardous reactions | : Product will not undergo hazardous polymerization. |



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| Conditions to avoid | : excessive heat | |
| Incompatible materials | : Strong oxidizing agents Acids | |
| Hazardous decomposition products | No hazardous decomposition products are known. | |

SECTION 11. TOXICOLOGICAL INFORMATION

| Information on likely routes of exposure Inhalation Skin contact Eye Contact Ingestion Acute toxicity Not classified based on available information. Components: DISTILLATES (PETROLEUM), HYDROTREATED HEAVY PARAFFINIC: Acute oral toxicity : LD50 (Rat): > 15 g/kg | | |
|--|--|--|
| Acute dermal toxicity | : LD50 (Rabbit): > 5 g/kg | |
| | HYDROTREATED HEAVY PARAFFINIC: LD50 (Rat): > 15 g/kg | |
| Acute dermal toxicity | : LD50 (Rabbit): > 5 g/kg | |
| Skin corrosion/irritation Not classified based on availabl <u>Product:</u> Remarks | e information. : May cause skin irritation in susceptible persons. May irritate skin. | |
| | HYDROTREATED HEAVY PARAFFINIC: Slight, transient irritation Slight, transient irritation | |
| DISTILLATES (PETROLEUM), Assessment Result | HYDROTREATED HEAVY PARAFFINIC: Slight, transient irritation Slight, transient irritation | |
| HYDROTREATED LIGHT PAR Assessment Result | AFFINIC DISTILLATE: Slight, transient irritation Slight, transient irritation | |



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| Serious eye | damage/eye irritation | |
| Not classified | based on available information. | |
| Product: | | |
| Remarks | : Causes serious eye irritation. Vapours may cause irritation to the eyes, resp and the skin. | piratory system |
| Components | | |
| | S (PETROLEUM), HYDROTREATED HEAVY PARAFFINIC: | |
| Result | : No eye irritation | |
| Assessment | : No eye irritation | |
| DISTILLATE | S (PETROLEUM), HYDROTREATED HEAVY PARAFFINIC: | |
| Result | : No eye irritation | |
| Assessment | : No eye irritation | |
| HYDROTRE | ATED LIGHT PARAFFINIC DISTILLATE: | |
| Result | : Slight, transient irritation | |
| Assessment | : Slight, transient irritation | |
| Germ cell me Not classified Carcinogenie | d based on available information. i city | |
| Not classified Components | S (PETROLEUM), HYDROTREATED HEAVY PARAFFINIC: sity - : Classified based on DMSO extract content < 3 | 3% (Regulation |
| Not classified Components DISTILLATE: Carcinogenic Assessment | S: (PETROLEUM), HYDROTREATED HEAVY PARAFFINIC: Classified based on DMSO extract content < 3 (EC) 1272/2008, Annex VI, Part 3, Note L) S: (PETROLEUM), HYDROTREATED HEAVY PARAFFINIC: Classified based on DMSO extract content < 3 (EC) | |
| Not classified Components DISTILLATE: Carcinogenic Assessment DISTILLATE: Carcinogenic Assessment HYDROTRE | s: S (PETROLEUM), HYDROTREATED HEAVY PARAFFINIC: city - : Classified based on DMSO extract content < 3 (EC) 1272/2008, Annex VI, Part 3, Note L) S (PETROLEUM), HYDROTREATED HEAVY PARAFFINIC: city - : Classified based on DMSO extract content < 3 (EC) 1272/2008, Annex VI, Part 3, Note L) Sty - : Classified based on DMSO extract content < 3 (EC) 1272/2008, Annex VI, Part 3, Note L) ATED LIGHT PARAFFINIC DISTILLATE: | 3% (Regulation |
| Not classified Components DISTILLATE: Carcinogenic Assessment DISTILLATE: Carcinogenic Assessment | s: S (PETROLEUM), HYDROTREATED HEAVY PARAFFINIC: city - : Classified based on DMSO extract content < 3 (EC) 1272/2008, Annex VI, Part 3, Note L) S (PETROLEUM), HYDROTREATED HEAVY PARAFFINIC: city - : Classified based on DMSO extract content < 3 (EC) 1272/2008, Annex VI, Part 3, Note L) Sty - : Classified based on DMSO extract content < 3 (EC) 1272/2008, Annex VI, Part 3, Note L) ATED LIGHT PARAFFINIC DISTILLATE: | 3% (Regulation |
| Not classified Components DISTILLATE: Carcinogenic Assessment DISTILLATE: Carcinogenic Assessment HYDROTRE/ Carcinogenic | s: S (PETROLEUM), HYDROTREATED HEAVY PARAFFINIC: city - : Classified based on DMSO extract content < 3 (EC) 1272/2008, Annex VI, Part 3, Note L) | 3% (Regulation 3% (Regulation qual to 0.1% is |
| Not classified Components DISTILLATE: Carcinogenic Assessment DISTILLATE: Carcinogenic Assessment HYDROTRE/ Carcinogenic Assessment | S: S (PETROLEUM), HYDROTREATED HEAVY PARAFFINIC: city - : Classified based on DMSO extract content < : | 3% (Regulation 3% (Regulation qual to 0.1% is by IARC. |



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Reproductive toxicity Not classified based on available information. STOT - single exposure Not classified based on available information. STOT - repeated exposure Not classified based on available information. Aspiration toxicity Not classified based on available information.

Product: No aspiration toxicity classification

Components:

DISTILLATES (PETROLEUM), HYDROTREATED HEAVY PARAFFINIC: No aspiration toxicity classification

HYDROTREATED LIGHT PARAFFINIC DISTILLATE:

May be fatal if swallowed and enters airways.

Further information

Product: Remarks

: No data available

SECTION 12. ECOLOGICAL INFORMATION

| Ecotoxicity <u>Product:</u> Ecotoxicology Assessment Short-term (acute) aquatic hazard | : | Not classified based on available information. |
|--|---|---|
| Long-term (chronic) aquatic hazard | : | Not classified based on available information. |
| <u>Components:</u> DISTILLATES (PETROLEUM), Toxicity to fish | | YDROTREATED HEAVY PARAFFINIC: LL50 (Fish): > 100 mg/l Exposure time: 96 h |
| Toxicity to daphnia and other aquatic invertebrates | : | EL50 (Aquatic invertebrates): > 10,000 mg/l Exposure time: 48 h |
| Toxicity to algae | : | EL50 (Algae, algal mat (Algae)): > 100 mg/l Exposure time: 72 h |
| Toxicity to fish (Chronic toxicity) | : | NOEC (Fish): 10 mg/l |



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| Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) | : NOEC (Aquatic invertebrates): 10 mg/l | |
| Ecotoxicology Assessment Short-term (acute) aquatic hazard | : Not classified based on available information. | |
| Long-term (chronic) aquatic hazard | : Not classified based on available information. | |
| , | , HYDROTREATED HEAVY PARAFFINIC: | |
| Ecotoxicology Assessment Short-term (acute) aquatic hazard | : Not classified based on available information. | |
| Long-term (chronic) aquatic hazard | : Not classified based on available information. | |
| Persistence and degradabili <u>Components:</u> No data available Bioaccumulative potential <u>Components:</u> DISTILLATES (PETROLEUM) Partition coefficient: n- octanol/water |), HYDROTREATED HEAVY PARAFFINIC: | |
| No data available Mobility in soil <u>Components:</u> No data available Other adverse effects No data available <u>Product:</u> Regulation | 40 CFR Protection of Environment; Part 82 Protecti | |
| Remarks | Stratospheric Ozone - CAA Section 602 Class I Sul This product neither contains, nor was manufacture Class I or Class II ODS as defined by the U.S. Clea Section 602 (40 CFR 82, Subpt. A, App.A + B). | d with a |
| Additional ecological information | : No data available | |
| Components: | | |

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods



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| General advice | : Dispose of in accordance with all applicable lo federal regulations. | ocal, state and |
| | Send to a licensed waste management compa Do not contaminate ponds, waterways or ditch chemical or used container. Do not dispose of waste into sewer. | - |
| Contaminated packaging | Do not re-use empty containers. Empty containers should be taken to an approhandling site for recycling or disposal. Dispose of as unused product. Empty remaining contents. | oved waste |

SECTION 14. TRANSPORT INFORMATION

International Regulations

UNRTDG

Not regulated as a dangerous good

IATA-DGR

Not regulated as a dangerous good

IMDG-Code

Not regulated as a dangerous good

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

Not applicable for product as supplied.

National Regulations

49 CFR Not regulated as a dangerous good

Dangerous goods descriptions (if indicated above) may not reflect quantity, end-use or region-specific exceptions that can be applied. Consult shipping documents for descriptions that are specific to the shipment.

SECTION 15. REGULATORY INFORMATION

EPCRA - Emergency Planning and Community Right-to-Know Act

CERCLA Reportable Quantity

This material does not contain any components with a CERCLA RQ.

SARA 304 Extremely Hazardous Substances Reportable Quantity

This material does not contain any components with a section 304 EHS RQ.



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| SARA 302 Extremely Haz | ardous Substances Thre | shold Planning | Quantity |
| This material does not cont | ain any components with a | a section 302 EH | S TPQ. |
| SARA 311/312 Hazards | : No SARA Hazards | | |
| SARA 313 | : The following com established by SAI | | ect to reporting levels on 313: |
| | Zinc O,O,O',O'- tetrakis(1,3- dimethylbutyl) bis(phosphorodit hioate | 2215-35-2 | >= 0.1 - < 1 % |
| | Zinc, bis[O,O- bis(2-ethylhexyl) phosphorodithioa to-S,S']-, (T-4)- | 4259-15-8 | >= 0.1 - < 1 % |

Clean Air Act

This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B).

This product does not contain any hazardous air pollutants (HAP), as defined by the U.S. Clean Air Act Section 112 (40 CFR 61).

This product does not contain any chemicals listed under the U.S. Clean Air Act Section 112(r) for Accidental Release Prevention (40 CFR 68.130, Subpart F).

This product does not contain any chemicals listed under the U.S. Clean Air Act Section 111 SOCMI Intermediate or Final VOC's (40 CFR 60.489).

Clean Water Act

This product does not contain any Hazardous Substances listed under the U.S. CleanWater Act, Section 311, Table 116.4A.

This product does not contain any Hazardous Chemicals listed under the U.S. CleanWater Act, Section 311, Table 117.3.

This product does not contain any priority pollutants related to the U.S. Clean Water Act This product does not contain any toxic pollutants listed under the U.S. Clean Water Act Section 307

California Prop. 65

MARNING: Cancer - www.P65Warnings.ca.gov.

The components of this product are reported in the following inventories:

| DSL | : | All components of this product are on the Canadian DSL |
|------|---|--|
| AICS | : | On the inventory, or in compliance with the inventory |
| ENCS | : | On the inventory, or in compliance with the inventory |



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| KECI | : On the inventory, or in compliance with the inventory | , |
| PICCS | : On the inventory, or in compliance with the inventory | , |
| IECSC | : On the inventory, or in compliance with the inventory | , |
| TCSI | : On the inventory, or in compliance with the inventory | , |
| TSCA | : On TSCA Inventory | |

TSCA list

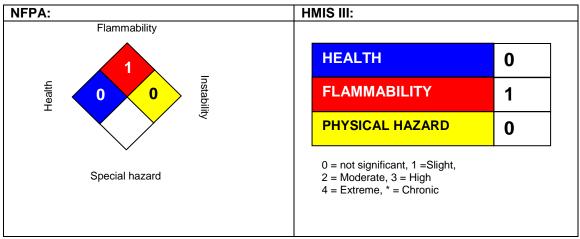
No substances are subject to TSCA 12(b) export notification requirements. Inventories

AICS (Australia), DSL (Canada), IECSC (China), REACH (European Union), ENCS (Japan), ISHL (Japan), KECI (Korea), NZIoC (New Zealand), PICCS (Philippines), TCSI (Taiwan), TSCA (USA)

SECTION 16. OTHER INFORMATION

Further information

Internal information : R0170829



NFPA Flammable and Combustible Liquids Classification Combustible Liquid Class IIIB

Full text of H-Statements

H304 May be fatal if swallowed and enters airways.



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| Sources of key data used to compile the Safety Data Sheet Valvoline internal data including own and sponsored test reports The UNECE administers regional agreements implementing harmonised classification for labelling (GHS) and transport. | |
|--|---------|
| The information accumulated herein is believed to be accurate but is not warranted to be we originating with the company or not. Recipients are advised to confirm in advance of need th information is current, applicable, and suitable to their circumstances. This SDS has been prepared by Valvoline's Environmental Health and Safety Department (1-800-VALVOLINE). | hat the |
| List of abbreviations and acronyms that could be, but not necessarily are, used in this safety sheet : ACGIH : American Conference of Industrial Hygienists BEI : Biological Exposure Index CAS : Chemical Abstracts Service (Division of the American Chemical Society). CMR : Carcinogenic, Mutagenic or Toxic for Reproduction FG : Food grade GHS : Globally Harmonized System of Classification and Labeling of Chemicals. H-statement : Hazard Statement IATA : International Air Transport Association. IATA-DGR : Dangerous Goods Regulation by the "International Air Transport Association" (| |
| ICAO : International Civil Aviation Organization ICAO-TI (ICAO) : Technical Instructions by the "International Civil Aviation Organization" IMDG : International Maritime Code for Dangerous Goods ISO : International Organization for Standardization logPow : octanol-water partition coefficient LCxx : Lethal Concentration, for xx percent of test population LDxx : Lethal Dose, for xx percent of test population. ICxx : Inhibitory Concentration for xx of a substance Ecxx : Effective Concentration of xx N.O.S.: Not Otherwise Specified OECD : Organization for Economic Co-operation and Development OEL : Occupational Exposure Limit P-Statement : Precautionary Statement PBT : Persistent , Bioaccumulative and Toxic PPE : Personal Protective Equipment STEL : Short-term exposure limit STOT : Specific Target Organ Toxicity TLV : Threshold Limit Value TWA : Time-weighted average vPvB : Very Persistent and Very Bioaccumulative WEL : Workplace Exposure Level | |
| CERCLA : Comprehensive Environmental Response, Compensation, and Liability Act DOT : Department of Transportation FIFRA : Federal Insecticide, Fungicide, and Rodenticide Act HMIRC : Hazardous Materials Information Review Commission | |

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HMIS : Hazardous Materials Identification System
NFPA : National Fire Protection Association
NIOSH : National Institute for Occupational Safety and Health
OSHA : Occupational Safety and Health Administration
PMRA : Health Canada Pest Management Regulatory Agency
RTK : Right to Know
WHMIS : Workplace Hazardous Materials Information System