

## 1. Identification

**Product identifier**

**Product Name** Ease Release 200, 300, 400, 500, 700, 2300, 2910

**Other means of identification**

**Product Code(s)** FG-7040  
**Synonyms** None

**Recommended use of the chemical and restrictions on use**

**Recommended use** Aerosol.  
**Restrictions on use** No information available.

**Details of the supplier of the safety data sheet**

**Emergency telephone number**

**Emergency Telephone** No information available

## 2. Hazard(s) identification

**Classification**

Aerosols	Category 2 - (H223, H229)
Acute toxicity - Dermal	Category 5 - (H313)
Specific target organ toxicity (repeated exposure)	Category 1 - (H372)

**Label elements**

**Danger**

**Hazard statements**

H223 - Flammable aerosol.  
H229 - Pressurized container: May burst if heated.  
H313 - May be harmful in contact with skin.  
H372 - Causes damage to organs through prolonged or repeated exposure.



Health hazard  
Flame

**Precautionary Statements - Prevention**

P201 - Obtain special instructions before use.  
P202 - Do not handle until all safety precautions have been read and understood.  
P280 - Wear protective gloves/protective clothing/eye protection/face protection.

P260 - Do not breathe dust/fume/gas/mist/vapors/spray.

P264 - Wash face, hands and any exposed skin thoroughly after handling.

P270 - Do not eat, drink or smoke when using this product.

P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P251 - Do not pierce or burn, even after use.

P211 - Do not spray on an open flame or other ignition source.

#### Precautionary Statements - Response

P308 + P313 - IF exposed or concerned: Get medical advice/attention.

#### Precautionary Statements - Storage

P405 - Store locked up.

P410 + P412 - Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.

#### Precautionary Statements - Disposal

P501 - Dispose of contents/ container to an approved waste disposal plant.

#### Other information

Harmful to aquatic life with long lasting effects.

### 3. Composition/information on ingredients

#### Substance

Not applicable.

#### Mixture

Chemical name	CAS No.	Weight-%
Dimethyl ether	115-10-6	40 - 60
1,1-difluoroethane	75-37-6	40 - 60
Mineral Spirits	8052-41-3	1 - <3
Xylene	1330-20-7	0.1 - <1
Ethylbenzene	100-41-4	0.1 - <1

### 4. First-aid measures

#### Description of first aid measures

<b>General advice</b>	Show this safety data sheet to the doctor in attendance. IF exposed or concerned: Get medical advice/attention.
<b>Inhalation</b>	Remove to fresh air.
<b>Eye contact</b>	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Keep eye wide open while rinsing. Do not rub affected area. Get medical attention if irritation develops and persists.
<b>Skin contact</b>	Wash skin with soap and water.
<b>Ingestion</b>	Rinse mouth.
<b>Self-protection of the first aider</b>	Remove all sources of ignition Ensure that medical personnel are aware of the material(s) involved, take precautions to protect themselves and prevent spread of contamination Wear personal protective clothing (see section 8)

#### Most important symptoms and effects, both acute and delayed

<b>Symptoms</b>	No information available.
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**Effects of Exposure** May cause cancer. Mutagenic effects. Causes damage to organs through prolonged or repeated exposure.

**Indication of any immediate medical attention and special treatment needed**

**Note to physicians** Treat symptomatically.

## 5. Fire-fighting measures

**Suitable Extinguishing Media** Dry chemical. Carbon dioxide (CO<sub>2</sub>). Water spray.

**Large Fire** CAUTION: Use of water spray when fighting fire may be inefficient.

**Unsuitable extinguishing media** DO NOT EXTINGUISH A LEAKING GAS FIRE UNLESS LEAK CAN BE STOPPED.

**Specific hazards arising from the chemical** Risk of ignition. Keep product and empty container away from heat and sources of ignition. In the event of fire, cool tanks with water spray. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. Cylinders may rupture under extreme heat. Damaged cylinders should be handled only by specialists. Containers may explode when heated.

**Explosion data**

**Sensitivity to mechanical impact** None.

**Sensitivity to static discharge** Yes.

**Special protective actions for fire-fighters** Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

## 6. Accidental release measures

**Personal precautions, protective equipment and emergency procedures**

**Personal precautions** Evacuate personnel to safe areas. Use personal protective equipment as required. See section 8 for more information. Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. Keep people away from and upwind of spill/leak. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Take precautionary measures against static discharges. Avoid breathing dust/fume/gas/mist/vapors/spray.

**Other information** Ventilate the area. Refer to protective measures listed in Sections 7 and 8.

**Environmental precautions**

**Environmental precautions** Refer to protective measures listed in Sections 7 and 8. Prevent further leakage or spillage if safe to do so. Prevent product from entering drains.

**Methods and material for containment and cleaning up**

**Methods for containment** Stop leak if you can do it without risk. A vapor suppressing foam may be used to reduce vapors. Dike far ahead of spill to collect runoff water. Keep out of drains, sewers, ditches and waterways. Flood with water to complete polymerization and scrape off floor.

**Methods for cleaning up** Take precautionary measures against static discharges. Dam up. Soak up with inert absorbent material. Pick up and transfer to properly labeled containers.

**Prevention of secondary hazards** Clean contaminated objects and areas thoroughly observing environmental regulations.

## 7. Handling and storage

**Precautions for safe handling**

**Advice on safe handling**

Use personal protection equipment. 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. Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapors). Use spark-proof tools and explosion-proof equipment. Handle product only in closed system or provide appropriate exhaust ventilation. Keep in an area equipped with sprinklers. Do not puncture or incinerate cans. Contents under pressure. In case of rupture. Avoid breathing vapors or mists. Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Do not eat, drink or smoke when using this product. Remove contaminated clothing and shoes.

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

**Storage Conditions**

Protect from sunlight. Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Keep in properly labeled containers. Do not store near combustible materials. Keep in an area equipped with sprinklers. Store in accordance with the particular national regulations. Store in accordance with local regulations. Store in a cool, dry area away from potential sources of heat, open flames, sunlight or other chemicals. Store locked up.

**8. Exposure controls/personal protection**

**Control parameters**

**Exposure Limits** NOM-010-STPS-2014.

Chemical name	Mexico
Mineral Spirits 8052-41-3	VLE-PPT: 100 ppm
Xylene 1330-20-7	VLE-PPT: 100 ppm VLE-CT: 150 ppm
Ethylbenzene 100-41-4	VLE-PPT: 20 ppm

**Biological occupational exposure limits**

Chemical name	Mexico
Xylene 1330-20-7	1.5 g/g creatinine Medium: urine Time: end of work shift Parameter: Methylhippuric acids
Ethylbenzene 100-41-4	0.7 g/g creatinine Medium: urine Time: end of shift at end of work week Parameter: Sum of mandelic acid and phenylglyoxylic acid (nonspecific, semi-quantitative); Medium: exhaled air Time: not critical Parameter: Ethylbenzene (semi-quantitative)

**Appropriate engineering controls**

**Engineering controls**

Showers  
Eyewash stations  
Ventilation systems.

**Individual protection measures, such as personal protective equipment**

**Eye/face protection**

Tight sealing safety goggles. Safety glasses with side shields are recommended for medical or industrial exposures.

**Hand protection**

Impervious gloves Wear suitable gloves

**Skin and body protection**

Wear suitable protective clothing. Long sleeved clothing. Chemical resistant apron.

Antistatic boots.

**Respiratory protection** Appropriate respiratory protection should be selected and used according to the chemical nature, hazards and use of this product and safety requirements of the local jurisdiction. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

**General hygiene considerations** Do not eat, drink or smoke when using this product. Contaminated work clothing should not be allowed out of the workplace. Regular cleaning of equipment, work area and clothing is recommended. Wash hands before breaks and immediately after handling the product.

## 9. Physical and chemical properties

### Information on basic physical and chemical properties

**Physical state** Aerosol  
**Appearance** Aerosol  
**Color** No information available  
**Odor** Slight ethereal  
**Odor threshold** No information available

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
<b>pH</b>	No data available	None known
<b>Melting point / freezing point</b>	No data available	None known
<b>Initial boiling point and boiling range</b>	-24.8000 °C / -12.64 °F	None known
<b>Flash point</b>	>= -37 - -41.0000 °C / -34.6 - -41.8 °F	None known
<b>Evaporation rate</b>	No data available	None known
<b>Flammability</b>	No data available	None known
<b>Flammability Limit in Air</b>		None known
<b>Upper flammability or explosive limits</b>	No data available	
<b>Lower flammability or explosive limits</b>	No data available	
<b>Vapor pressure</b>	518 mmHg @ 20°C / 70°F	None known
<b>Relative vapor density</b>	~4	None known
<b>Relative density</b>	No data available	None known
<b>Water solubility</b>	Negligible	None known
<b>Solubility in other solvents</b>	No data available	None known
<b>Partition coefficient</b>	No data available	None known
<b>Autoignition temperature</b>	No data available	None known
<b>Decomposition temperature</b>	No data available	None known
<b>Kinematic viscosity</b>	No data available	None known
<b>Dynamic viscosity</b>	No data available	None known

### Other information

**Oxidizing properties** No information available.  
**Explosive properties** No information available.  
**Molecular weight** No information available  
**Liquid Density** No information available  
**Bulk density** No information available

## 10. Stability and reactivity

**Reactivity** No information available.

**Chemical stability** Stable under normal conditions.

<b>Possibility of hazardous reactions</b>	None under normal processing.
<b>Hazardous polymerization</b>	Hazardous polymerization does not occur.
<b>Conditions to avoid</b>	Heat, flames and sparks.
<b>Incompatible materials</b>	None known based on information supplied.
<b>Hazardous decomposition products</b>	Thermal oxidative decomposition can produce carbon oxides, gasses/vapors, and traces of incompletely burned carbon compounds.

**11. Toxicological information**

Information on likely routes of exposure

**Product Information**

<b>Inhalation</b>	Intentional misuse by deliberately concentrating and inhaling contents may be harmful or fatal.
<b>Eye contact</b>	Specific test data for the substance or mixture is not available.
<b>Skin contact</b>	May be harmful in contact with skin.
<b>Ingestion</b>	Specific test data for the substance or mixture is not available.

Symptoms related to the physical, chemical and toxicological characteristics

**Symptoms** No information available.

Acute toxicity May be harmful in contact with skin.

**Numerical measures of toxicity**

The following values are calculated based on chapter 3.1 of the GHS document

<b>ATEmix (oral)</b>	99,999.00 mg/kg
<b>ATEmix (dermal)</b>	4,272.70 mg/kg
<b>ATEmix (inhalation-gas)</b>	442,493.90 ppm
<b>ATEmix (inhalation-vapor)</b>	99,999.00 mg/l
<b>ATEmix (inhalation-dust/mist)</b>	7.83 mg/l

**Unknown acute toxicity**

98.12 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity

**Component Information**

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Dimethyl ether 115-10-6	-	-	= 164000 ppm ( Rat ) 4 h
1,1-difluoroethane 75-37-6	-	-	= 437500 ppm ( Rat ) 4 h
Mineral Spirits 8052-41-3	-	> 3000 mg/kg ( Rabbit )	> 5.5 mg/L ( Rat ) 4 h
Xylene 1330-20-7	= 3500 mg/kg ( Rat )	> 4350 mg/kg ( Rabbit )	= 29.08 mg/L ( Rat ) 4 h
Ethylbenzene 100-41-4	= 3500 mg/kg ( Rat )	= 15400 mg/kg ( Rabbit )	= 17.4 mg/L ( Rat ) 4 h

Delayed and immediate effects as well as chronic effects from short and long-term exposure

<b>Interactive effects</b>	No information available.
<b>Skin corrosion/irritation</b>	No information available.
<b>Serious eye damage/eye irritation</b>	No information available.
<b>Respiratory or skin sensitization</b>	No information available.
<b>Germ cell mutagenicity</b>	Contains a known or suspected mutagen. Classification based on data available for ingredients. May cause genetic defects.
<b>Carcinogenicity</b>	Contains a known or suspected carcinogen. Classification based on data available for ingredients. May cause cancer.

The table below indicates whether each agency has listed any ingredient as a carcinogen.

Chemical name	ACGIH	IARC	NTP	Mexico
Xylene 1330-20-7	-	Group 3	-	-
Ethylbenzene 100-41-4	A3	Group 2B	-	A3

**Legend**

**ACGIH (American Conference of Governmental Industrial Hygienists)**

A3 - Animal Carcinogen

**IARC (International Agency for Research on Cancer)**

Group 2B - Possibly Carcinogenic to Humans

Group 3 - Not Classifiable as to Carcinogenicity in Humans

**Mexico - Secretary of Labor and Social Prevention Official Mexican Norm NOM-010-STPS-2014 Carcinogens**

A3 - Animal Carcinogen

<b>Reproductive toxicity</b>	No information available.
<b>STOT - single exposure</b>	No information available.
<b>STOT - repeated exposure</b>	Causes damage to organs through prolonged or repeated exposure.
<b>Target organ effects</b>	Kidney, Respiratory system, Eyes, Skin, Central nervous system.
<b>Aspiration hazard</b>	No information available.
<b>Other information</b>	No information available.

**12. Ecological information**

**Ecotoxicity** Harmful to aquatic life with long lasting effects.

Chemical name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Dimethyl ether 115-10-6	-	LC50: >4.1g/L (96h, Poecilia reticulata)	-	-
Xylene 1330-20-7	EC50: =11mg/L (72h, Pseudokirchneriella subcapitata)	LC50: =13.4mg/L (96h, Pimephales promelas) LC50: 2.661 -	-	EC50: =3.82mg/L (48h, water flea) LC50: =0.6mg/L (48h,

		<p>4.093mg/L (96h, Oncorhynchus mykiss)                  LC50: 13.5 - 17.3mg/L (96h, Oncorhynchus mykiss)                  LC50: 13.1 - 16.5mg/L (96h, Lepomis macrochirus)                  LC50: =19mg/L (96h, Lepomis macrochirus)                  LC50: 7.711 - 9.591mg/L (96h, Lepomis macrochirus)                  LC50: 23.53 - 29.97mg/L (96h, Pimephales promelas)                  LC50: =780mg/L (96h, Cyprinus carpio)                  LC50: &gt;780mg/L (96h, Cyprinus carpio)                  LC50: 30.26 - 40.75mg/L (96h, Poecilia reticulata)</p>		Gammarus lacustris)
Ethylbenzene 100-41-4	<p>EC50: =4.6mg/L (72h, Pseudokirchneriella subcapitata)                  EC50: &gt;438mg/L (96h, Pseudokirchneriella subcapitata)                  EC50: 2.6 - 11.3mg/L (72h, Pseudokirchneriella subcapitata)                  EC50: 1.7 - 7.6mg/L (96h, Pseudokirchneriella subcapitata)</p>	<p>LC50: 11.0 - 18.0mg/L (96h, Oncorhynchus mykiss)                  LC50: =4.2mg/L (96h, Oncorhynchus mykiss)                  LC50: 7.55 - 11mg/L (96h, Pimephales promelas)                  LC50: =32mg/L (96h, Lepomis macrochirus)                  LC50: 9.1 - 15.6mg/L (96h, Pimephales promelas)                  LC50: =9.6mg/L (96h, Poecilia reticulata)</p>	-	EC50: 1.8 - 2.4mg/L (48h, Daphnia magna)

**Persistence and degradability** No information available.

**Bioaccumulation**

**Component Information**

Chemical name	Partition coefficient
Dimethyl ether 115-10-6	-0.18
Mineral Spirits 8052-41-3	6.4
Xylene 1330-20-7	3.15
Ethylbenzene 100-41-4	3.6

**Other adverse effects** No information available.

**13. Disposal considerations**



**Disposal methods**

<b>Waste from residues/unused products</b>	Should not be released into the environment. Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.
<b>Contaminated packaging</b>	Empty containers pose a potential fire and explosion hazard. Do not cut, puncture or weld containers.

**14. Transport information**

<b><u>MEX</u></b>	Not regulated
<b>Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code</b>	No information available
<b><u>TDG</u></b>	Regulated
<b>UN number or ID number</b>	1950
<b>UN proper shipping name</b>	Aerosols, flammable
<b>Transport hazard class(es)</b>	2.1
<b><u>DOT</u></b>	Regulated
<b>UN number or ID number</b>	1950
<b>Proper shipping name</b>	Aerosols, flammable
<b>Transport hazard class(es)</b>	2.1
<b><u>ICAO (air)</u></b>	Not regulated
<b><u>IATA</u></b>	Regulated
<b>UN number or ID number</b>	UN 1950
<b>UN proper shipping name</b>	Aerosols, flammable
<b>Transport hazard class(es)</b>	2.1
<b><u>IMDG</u></b>	Regulated
<b>UN number or ID number</b>	1950
<b>UN proper shipping name</b>	Aerosols
<b>Transport hazard class(es)</b>	2.1
<b>EmS-No.</b>	F-D, S-U
<b>UN number or ID number</b>	1950
<b>Transport hazard class(es)</b>	2.1
<b>UN number or ID number</b>	1950
<b>Transport hazard class(es)</b>	2.1

**15. Regulatory information**

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

**International Regulations**

- The Montreal Protocol on Substances that Deplete the Ozone Layer** Not applicable
- The Stockholm Convention on Persistent Organic Pollutants** Not applicable
- The Rotterdam Convention** Not applicable

**International Inventories**

<b>TSCA</b>	Contact supplier for inventory compliance status.
<b>DSL/NDSL</b>	Contact supplier for inventory compliance status.

<b>EINECS/ELINCS</b>	Contact supplier for inventory compliance status.
<b>ENCS</b>	Contact supplier for inventory compliance status.
<b>IECSC</b>	Contact supplier for inventory compliance status.
<b>KECI</b>	Contact supplier for inventory compliance status.
<b>PICCS</b>	Contact supplier for inventory compliance status.
<b>AIIC</b>	Contact supplier for inventory compliance status.
<b>NZIoC</b>	Contact supplier for inventory compliance status.

**Legend:**

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory  
**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List  
**EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances  
**ENCS** - Japan Existing and New Chemical Substances  
**IECSC** - China Inventory of Existing Chemical Substances  
**KECL** - Korean Existing and Evaluated Chemical Substances  
**PICCS** - Philippines Inventory of Chemicals and Chemical Substances  
**AIIC** - Australian Inventory of Industrial Chemicals  
**NZIoC** - New Zealand Inventory of Chemicals

**16. Other information**

<b>NFPA</b>	<b>Health hazards</b> 2	<b>Flammability</b> 4	<b>Instability</b> 0	<b>Special hazards</b> -
<b>HMIS</b>	<b>Health hazards</b> 1*	<b>Flammability</b> 4	<b>Physical hazards</b> 0	<b>Personal protection</b> X

*Chronic Hazard Star Legend*

\* = Chronic Health Hazard

**Key or legend to abbreviations and acronyms used in the safety data sheet****Legend**

SVHC: Substances of Very High Concern for Authorization:  
PBT: Persistent, Bioaccumulative, and Toxic (PBT) Substances  
vPvB: Very Persistent and very Bioaccumulative (vPvB) Substances  
STOT: Specific Target Organ Toxicity  
ATE: Acute Toxicity Estimate  
LC50: 50% Lethal Concentration  
LD50: 50% Lethal Dose

**Legend Section 8: Exposure controls/personal protection**

TWA	TWA (time-weighted average)	STEL	STEL (Short Term Exposure Limit)
Ceiling	Maximum limit value	Sk*	Skin designation
+	Sensitizers		

**Key literature references and sources for data used to compile the SDS**

Agency for Toxic Substances and Disease Registry (ATSDR)  
U.S. Environmental Protection Agency ChemView Database  
European Food Safety Authority (EFSA)  
Environmental Protection Agency  
Acute Exposure Guideline Level(s) (AEGl(s))  
U.S. Environmental Protection Agency Federal Insecticide, Fungicide, and Rodenticide Act  
U.S. Environmental Protection Agency High Production Volume Chemicals  
Food Research Journal  
Hazardous Substance Database  
International Uniform Chemical Information Database (IUCLID)  
National Institute of Technology and Evaluation (NITE)  
Australia National Industrial Chemicals Notification and Assessment Scheme (NICNAS)  
NIOSH (National Institute for Occupational Safety and Health)  
National Library of Medicine's ChemID Plus (NLM CIP)  
National Library of Medicine's PubMed database (NLM PUBMED)  
U.S. National Toxicology Program (NTP)  
New Zealand's Chemical Classification and Information Database (CCID)  
Organization for Economic Co-operation and Development Environment, Health, and Safety Publications

Organization for Economic Co-operation and Development High Production Volume Chemicals Program  
Organization for Economic Co-operation and Development Screening Information Data Set  
World Health Organization

**Revision date** 30-Jan-2025

**Revision Note** No information available.

**NOM-018-STPS-2015**

**The information is believed to be accurate, but it is not exhaustive and must be used only as guidance. It is based on the current state of knowledge of the chemical substance or mixture and is applicable to the appropriate safety precautions for the product.**

**Disclaimer**

**The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.**

**End of Safety Data Sheet**