

# SAFETY DATA SHEET

## Escort® Herbicide

SDS #: 130000023977-AR-A  
Revision date: 2019-03-22  
Format: NA  
Version 1



### 1. PRODUCT AND COMPANY IDENTIFICATION

#### Product Identifier

**Product Name** Escort® Herbicide

#### Other means of identification

**Product Code(s)** 130000023977-AR-A

**Synonyms** METSULFURON-METHYL: methyl 2-((((4-methoxy-6-methyl-1,3,5-triazin-2-yl)amino)carbonyl)amino)sulfonyl)benzoate (CAS name); methyl 2-(4-methoxy-6-methyl-1,3,5-triazin-2-ylcarbamoylsulfamoyl)benzoate (IUPAC name)

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

**Recommended Use:** Herbicide

**Restrictions on Use:** Use as recommended by the label.

#### Supplier Address

**Manufacturer/Supplier** FMC Quimica SA  
FELIPE ALDECOA 1277  
AVELLANEDA  
1870-BUENOS AIRES  
ARGENTINA  
SDS.Ronland@fmc.com

#### **Número de teléfono en caso de emergencia:**

Argentina: 54-1159839431 (CHEMTREC); All other countries: +1 651 / 632-6793 (Collect)

#### **Número de Emergencia Médica:**

FMC (General) - (011) 5984-3700; Hospital Nacional Prof. Alejandro Posadas, Centro Nacional de Intoxicaciones. (Toxicológica) - 0800- 333 -0160 / (011) 4658-7777 / (011) 4654-6648; Hospital de Niños Ricardo Gutiérrez, Unidad de Toxicología. (Toxicológica) - 0800-444-8694 / (011) 4962-6666 / (011) 4962-2247; Hospital General de Agudos J. A. Fernández, Unidad de Toxicología. (Toxicológica) - (011) 4808-2655 / (011) 4808-2606; TAS, Toxicología, Asesoramiento y Servicios. (Toxicológica) - 0800-888-8694 / (0341) 4242727; Bomberos (General) – 100; Policía (General) – 101 – 911; Defensa Civil (General) – 103; Emergencias médicas (General) – 107

### 2. HAZARDS IDENTIFICATION

Serious eye damage/eye irritation

Category 2B

#### GHS Label elements, including precautionary statements

#### EMERGENCY OVERVIEW

**Warning****Hazard Statements**

H320 - Causes eye irritation

**Precautionary Statements - Prevention**

P264 - Wash hands thoroughly after handling

P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

P337 + P313 - If eye irritation persists: Get medical advice/ attention

**Hazards not otherwise classified (HNOC)**

No hazards not otherwise classified were identified.

**Other Information**

No information available.

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

Chemical name	CAS-No	Weight %
Metsulfuron-methyl	74223-64-6	60
Modified Aromatic Sulfonate Salt	68425-94-5	5-10
Phosphate Salt	UNASSIGNED	5-10

Synonyms are provided in Section 1.

**4. FIRST AID MEASURES****General Advice**

Call a poison control center or doctor for treatment advice. Have the product containers or label with you when calling a poison control center or doctor, or going for treatment.

**Eye Contact**

Hold eyes open and rinse slowly and gently with water for 15 to 20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for further treatment advice.

**Skin Contact**

Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for further treatment advice.

**Inhalation**

None under normal use. Consult a physician if necessary.

**Ingestion**

No specific intervention is indicated as the compound is not likely to be hazardous. Consult a physician if necessary

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

No information available.

**Indication of immediate medical attention and special treatment needed, if necessary**

No information available

**5. FIRE-FIGHTING MEASURES****Suitable Extinguishing Media**Water spray. Foam. Dry chemical. Carbon dioxide (CO<sub>2</sub>).**Small Fire**

If area is engulfed in fire and if conditions permit, let fire burn itself out since water may increase the area contaminated. Cool containers/tanks with water spray.

<b>Unsuitable extinguishing media</b>	High volume water jet.
<b>Specific Hazards Arising from the Chemical</b>	Dust may form explosive mixture in air
<b><u>Explosion data</u></b>	
<b>Sensitivity to Mechanical Impact</b>	No information available.
<b>Sensitivity to Static Discharge</b>	Static electricity might be sufficient to ignite dust clouds. Possibility of ignition will depend on the minimum ignition energy (MIE) and the type of operations undertaken with the material.
<b>Protective equipment and precautions for firefighters</b>	Isolate fire area. Evaluate upwind. As in any fire, wear self-contained breathing apparatus and full protective gear.

## 6. ACCIDENTAL RELEASE MEASURES

<b>Personal Precautions</b>	Evacuate personnel to safe areas. Use self-contained breathing apparatus. Wear personal protective equipment.
<b>Other</b>	For further clean-up instructions, call FMC Emergency Hotline number listed in Section 1 "Product and Company Identification" above.
<b>Environmental Precautions</b>	Keep people and animals away from and upwind of spill/leak. Keep material out of lakes, streams, ponds, and sewer drains. Keep out of waterways.
<b>Methods for Containment</b>	Prevent further leakage or spillage if safe to do so.
<b>Methods for cleaning up</b>	Prevent further leakage or spillage. Dike spill. Sweep up and shovel into suitable containers for disposal.

## 7. HANDLING AND STORAGE

<b>Handling</b>	Wash hands before eating, drinking, chewing gum, using tobacco, or using toilet. Keep away from open flames, hot surfaces and sources of ignition. Dust may form explosive mixture in air.
<b>Storage</b>	Do not contaminate other materials, or allow this material to be contaminated, by improper storage or handling. Store in original container. Keep container tightly closed in a dry and well-ventilated place. Keep out of the reach of children.
<b>Incompatible products</b>	None known based on information supplied

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control parameters

Metsulfuron methyl  
AEL \* (FMC) 10 mg/m<sup>3</sup> 8 & 12 hr. TWA Total dust.

### Appropriate engineering controls

<b>Engineering measures</b>	Ensure adequate ventilation.
-----------------------------	------------------------------

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

<b>Eye/Face Protection</b>	For dust, splash, mist or spray exposure, wear chemical protective goggles.
<b>Skin and Body Protection</b>	Wear long-sleeved shirt, long pants, socks, and shoes.
<b>Hand Protection</b>	Use protective gloves made of chemical materials such as nitrile or neoprene. Wash the outside of gloves with soap and water before reuse. Check regularly for leaks.
<b>Respiratory Protection</b>	No information available.

<b>Hygiene measures</b>	Clean water should be available for washing in case of eye or skin contamination. Remove and wash contaminated clothing before re-use. Wash skin prior to eating, drinking, chewing gum or using tobacco. Shower or bathe at the end of working. Launder work clothing separately from regular household laundry.
<b>General information</b>	The personal protective equipment (PPE) recommendations apply to the product ITSELF. In case of mixtures or formulations, it is suggested that you contact the relevant PPE suppliers.  * AEL is FMC's Acceptable Exposure Limit. Where governmentally imposed occupational exposure limits which are lower than the AEL are in effect, such limits shall take precedence.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

<b>Appearance</b>	Granules
<b>Physical State</b>	Solid
<b>Color</b>	Off-white
<b>Odor</b>	Odorless
<b>Odor threshold</b>	No information available
<b>pH</b>	4.2
<b>Melting point/freezing point</b>	Not applicable
<b>Boiling Point/Range</b>	No information available
<b>Flash point</b>	Not applicable
<b>Evaporation Rate</b>	No information available
<b>Flammability (solid, gas)</b>	No information available
<b>Flammability Limit in Air</b>	
Upper flammability limit:	No information available
Lower flammability limit:	No information available
<b>Vapor pressure</b>	No information available
<b>Vapor density</b>	No information available
<b>Relative density</b>	No information available
<b>Specific gravity</b>	1.47 at 25 °C (77 °F)
<b>Water solubility</b>	Soluble in water (2.8 g/L dispersible)
<b>Solubility in other solvents</b>	No information available
<b>Partition coefficient</b>	No information available
<b>Autoignition temperature</b>	No information available
<b>Decomposition temperature</b>	No information available
<b>Viscosity, kinematic</b>	No information available
<b>Viscosity, dynamic</b>	No information available
<b>Explosive properties</b>	No information available
<b>Oxidizing properties</b>	No information available
<b>Molecular weight</b>	No information available
<b>Bulk density</b>	loose

## 10. STABILITY AND REACTIVITY

<b>Reactivity</b>	Not applicable
<b>Chemical Stability</b>	Stable under recommended storage 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>	No information available.

## 11. TOXICOLOGICAL INFORMATION

### Product Information

LD50 Oral > 5000 mg/kg (rat)  
 LD50 Dermal > 5000 mg/kg (rabbit)

Serious eye damage/eye irritation Mildly irritating (rabbit).  
 Skin corrosion/irritation No irritation (rabbit).  
 Sensitization Guinea pig

Chemical name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Metsulfuron-methyl (74223-64-6)	>5000 mg/kg	>5000 mg/kg	>5.3 mg/L

#### Information on toxicological effects

Symptoms No information available.

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

Mutagenicity No information available  
 Carcinogenicity The carcinogenicity classifications for this product and/or its ingredients have been determined according to HazCom 2012, Appendix A.6. The classifications may differ from those listed in the National Toxicology Program (NTP) Report on Carcinogens (latest edition) or those found to be a potential carcinogen in the International Agency for Research on Cancer (IARC) Monographs (latest edition). None of the components present in this material at concentrations equal to or greater than 0.1% are listed by IARC, NTP, or OSHA, as a carcinogen.  
 Reproductive toxicity No information available.  
 STOT - single exposure No information available.  
 STOT - repeated exposure No information available.  
 Aspiration hazard No information available.

## 12. ECOLOGICAL INFORMATION

#### Ecotoxicity

ENVIRONMENTAL HAZARDS: Do not apply directly to water, or to areas where surface water is present, or to intertidal areas below the mean high water mark. Do not contaminate water when cleaning equipment or disposing of equipment washwaters or rinsate.

Metsulfuron-methyl (74223-64-6)				
Active Ingredient(s)	Duration	Species	Value	Units
(Metsulfuron-methyl)	48 h LC50	Daphnia magna	>120	mg/L
	96 h LC50	Oncorhynchus mykiss (rainbow trout)	>150	ppm
	14-day EC50	Duckweed (Lemna minor)	0.00036	mg/L
	LD50 Dietary	Bobwhite quail	>5620	mg/kg
	LD50 Dietary	Mallard duck	>2510	mg/kg
	LD50	Bee	>25	µg/bee
	72 h EC50	Cyanobacteria (Aanabaena flos-aquae)	0.066	mg/L
	96 h LC50	Lepomis macrochirus (Bluegill sunfish)	>150	ppm
	21 d NOEC	Onchorhynchus mykiss	68	mg/L
	21 d NOEC	Daphnia magna	100	mg/L

Persistence and degradability No information available.

Bioaccumulation No information available.

**13. DISPOSAL CONSIDERATIONS**

<b>Waste disposal methods</b>	Improper disposal of excess pesticide, spray mixture, or rinsate is prohibited. If these wastes cannot be disposed of by use according to label instructions, contact appropriate disposal authorities for guidance. Proper personal protective equipment, as described in Sections 7 and 8, must be worn while handling materials for waste disposal.
<b>Contaminated Packaging</b>	Containers must be disposed of in accordance with local, state and federal regulations. Refer to the product label for container disposal instructions.

**14. TRANSPORT INFORMATION**

**DOT** NOT REGULATED

**TDG** NOT REGULATED

**ICAO/IATA**

<b>UN/ID no</b>	3077
<b>Proper Shipping Name</b>	Environmentally hazardous substance, solid, n.o.s.
<b>Hazard class</b>	9
<b>Packing Group</b>	III
<b>Description</b>	UN3077, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S., 9, III

**IMDG/IMO**

<b>UN/ID no</b>	3077
<b>Proper Shipping Name</b>	Environmentally hazardous substance, solid, n.o.s.
<b>Hazard class</b>	9
<b>Packing Group</b>	III
<b>Marine Pollutant</b>	Yes
<b>Description</b>	UN3077, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S., 9, III

**15. REGULATORY INFORMATION****U.S. Federal Regulations****SARA 313**

Not applicable

**SARA 311/312 Hazard Categories**

<b>Acute health hazard</b>	Yes
<b>Chronic health hazard</b>	No
<b>Fire hazard</b>	No
<b>Sudden release of pressure hazard</b>	No
<b>Reactive Hazard</b>	No

**Clean Water Act**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

**CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

*This chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets, and for workplace labels of non-pesticide chemicals. Following is the hazard information as required on the pesticide label:*

**CAUTION!**

*Causes moderate eye irritation. Avoid contact with skin, eyes and clothing.*

*Avoid breathing dust. Avoid breathing vapours or mist.*

**US State Regulations****California Proposition 65**

This product does not contain any Proposition 65 chemicals.

**U.S. State Right-to-Know Regulations**

This product does not contain any substances regulated by state right-to-know regulations

**International Inventories**

Chemical name	TSCA (United States)	DSL (Canada)	EINECS/ELINCS (Europe)	ENCS (Japan)	China (IECSC)	KECL (Korea)	PICCS (Philippines)	AICS (Australia)
Metsulfuron-methyl 74223-64-6					X			
Modified Aromatic Sulfonate Salt 68425-94-5	X	X			X		X	X

**16. OTHER INFORMATION**

<b>NFPA</b>	<b>Health Hazards</b> 1	<b>Flammability</b> 1	<b>Instability</b> 0	<b>Special Hazards</b> -
<b>HMIS</b>	<b>Health Hazards</b> 1	<b>Flammability</b> 1	<b>Physical hazard</b> 0	<b>Personal Protection</b> X

*\*Indicates a chronic health hazard.*

**NFPA/HMIS Ratings Legend**

Severe = 4; Serious = 3; Moderate = 2; Slight = 1; Minimal = 0

Revision date:

2019-03-22

Reason for revision:

Format Change

**Disclaimer**

FMC Corporation believes that the information and recommendations contained herein (including data and statements) are accurate as of the date hereof. NO WARRANTY OF FITNESS FOR ANY PARTICULAR PURPOSE, WARRANTY OF MERCHANTABILITY OR ANY OTHER WARRANTY, EXPRESSED OR IMPLIED, IS MADE CONCERNING THE INFORMATION PROVIDED HEREIN. The information provided herein relates only to the specified product designated and may not be applicable where such product is used in combination with any other materials or in any process. Use of this product is regulated by the U.S. Environmental Protection Agency (EPA). It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Further, since the conditions and methods of use are beyond the control of FMC Corporation, FMC corporation expressly disclaims any and all liability as to any results obtained or arising from any use of the products or reliance on such information.

Prepared By:

FMC Corporation

FMC Logo - Trademark of FMC Corporation

© 2019 FMC Corporation. All Rights Reserved.

**End of Safety Data Sheet**