



SAFETY DATA SHEET

The Globally Harmonized System of Classification and Labeling of Chemicals (GHS)

Davai 80 SL

Revision date 27-Nov-2025

Version 2 Supersedes Date:

14-Sep-2025

Product Code(s) HRB01042-1

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ADM.03750.H.1.B 9508103

1. Identification

Product identifier

Product Name Davai 80 SL

Other means of identification

Document ADAMA-245

Synonyms Imazamox 80 SL

Registration Number(s) 32929

Recommended use of the chemical and restrictions on use

Recommended use Herbicide

Restrictions on use No information available

Details of the supplier of the safety data sheet

Supplier Address

ADAMA Agricultural Solutions Canada Ltd.
300-191 Lombard Avenue
Winnipeg, Manitoba R3B 0X1
1-855-264-6262

Emergency telephone number

Emergency Telephone For fire, spill and/or leak contact INFOTRAC: 1-800-535-5053 (North America)
1-352-323-3500 (International) For medical emergencies and health/safety inquiries,
contact ProPharma Group: 1-877-250-9291

2. Hazard(s) identification

This chemical is a product registered under the Pest Control Products Act (PCPA) of Canada and is subject to certain labeling requirements under federal law. These requirements differ from the classification criteria and hazard information required for safety data sheets, and for workplace labels of non-PCPA registered chemicals. Please see Section 15 for additional information. This product has been classified according to Canada's Hazardous Product Regulations (WHMIS 2015).

Classification

Acute toxicity - Inhalation (Dusts/Mists)	Category 4
Serious eye damage/eye irritation	Category 2
Reproductive toxicity	Category 2

Label elements

Signal word: Warning

Hazard statements

Harmful if inhaled
Causes serious eye irritation
Suspected of damaging fertility or the unborn child



Precautionary Statements - General

Keep out of reach of children

Precautionary Statements - Prevention

Obtain special instructions before use
Do not handle until all safety precautions have been read and understood
Wear protective gloves/protective clothing/eye protection/face protection
Avoid breathing dust/fume/gas/mist/vapors/spray
Use only outdoors or in a well-ventilated area
Wash face, hands and any exposed skin thoroughly after handling

Precautionary Statements - Response

IF exposed or concerned: Get medical advice/attention
IF INHALED: Remove person to fresh air and keep comfortable for breathing
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
If eye irritation persists: Get medical advice/attention

Precautionary Statements - Storage

Store locked up

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

Other information

Very toxic to aquatic life. Very toxic to aquatic life with long lasting effects. Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

3. Composition/information on ingredients

Substance

Not applicable.

Mixture

Synonyms Imazamox 80 SL.

Chemical name	CAS No	Weight-%	INTERNATIONAL GHS CLASSIFICATION
Ethoxylated propoxylated 2-ethyl-1-hexanol	64366-70-7	43 - 48	Eye Irrit. 2 (H319)
Imazamox	114311-32-9	6 - 10 (*)	Repr. 2 (H361) Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410)

Chemical Additions Present in the mixture as Imazamox ammonium (Cas. : 247057-22-3).

4. First-aid measures

Description of first aid measures

General advice IF exposed or concerned: Get medical advice/attention. First aider: Pay attention to self-protection.

Inhalation Remove to fresh air. If breathing is irregular or stopped, administer artificial respiration. Call a physician.

Eye contact Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Keep eye wide open while rinsing. Get medical attention immediately if symptoms occur.

Skin contact Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. Consult a physician if necessary.

Ingestion Immediate medical attention is required. Call a poison control center or doctor for treatment advice. Never give anything by mouth to an unconscious person.

Self-protection of the first aider Use personal protective equipment as required.

Most important symptoms and effects, both acute and delayed

Symptoms None known.

Indication of any immediate medical attention and special treatment needed

Note to physicians Treat symptomatically.

5. Fire-fighting measures

Suitable Extinguishing Media Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

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

Unsuitable extinguishing media Do not scatter spilled material with high pressure water streams.

Specific hazards arising from the chemical No information available.

Explosion data

Sensitivity to mechanical impact None.

Sensitivity to static discharge None.

Special protective equipment 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 Avoid contact with skin, eyes or clothing. Use personal protective equipment as required.

Ensure adequate ventilation. Avoid generation of dust. Do not breathe dust.

Other information

Refer to protective measures listed in Sections 7 and 8.

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

Prevent further leakage or spillage if safe to do so.

Methods for cleaning up

Pick up and transfer to properly labeled containers.

7. Handling and storage**Precautions for safe handling****Advice on safe handling**

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. Avoid breathing dust/fume/gas/mist/vapors/spray. Ensure adequate ventilation.

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

Store locked up. Keep containers tightly closed in a dry, cool and well-ventilated place. Keep out of the reach of children. Product must be stored at temperature higher than 5°C.

8. Exposure controls/personal protection**Control parameters****Exposure Limits**

This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

Appropriate engineering controls**Engineering controls**

Showers
Eyewash stations
Ventilation systems.

Individual protection measures, such as personal protective equipment**Eye/face protection**

If splashes are likely to occur, wear safety glasses with side-shields.

Hand protection

Wear suitable gloves.

Skin and body protection

Wear suitable protective clothing.

Respiratory protection

No protective equipment is needed under normal use conditions. 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. Wash hands before breaks and immediately after handling the product. Avoid contact with skin, eyes or clothing. Wear suitable gloves and eye/face protection. Avoid breathing dust/fume/gas/mist/vapors/spray.

Information on basic physical and chemical properties

<u>Property</u>	<u>Values</u>	<u>Method</u>	<u>Remarks</u>
Appearance			
Physical state	: Liquid		
Color	: Yellowish		
Odor	: characteristic		
Odor threshold	: No data available		
pH	: 5.1 - 6.1	CIPAC MT 75.3	solution (1%)
Melting point / freezing point °C	: No data available		
Boiling point / boiling range °C	: 117 °C – 123		
Flash point °C	: No data available		Not determined
Evaporation rate	: No data available		
Flammability (solid, gas)	: Not applicable		
Upper/lower flammability or explosive limits	: No data available		
Vapor pressure kPa	: No data available		
Vapor density	: No data available		
Relative density	: 0.998 - 1.098	CIPAC MT 3.3	20 °C
Solubility(ies) mg/l	: No data available		
Partition coefficient Log Pow	:		See Section 12 for additional Ecological Information
Autoignition temperature °C	: 390	EEC A.15	
Decomposition temperature °C	: No data available		
Kinematic viscosity mm ² /s 40 °C	: 41	CIPAC MT 192	
Explosive properties	: Not an explosive	EEC A.14	
Oxidizing properties	: Not oxidizing	EEC A.21	
Surface tension	: No data available		
Particle Size	: Not applicable		
Other information			
Bulk density g/ml	: Not applicable		

10. Stability and reactivity**Reactivity**

No information available.

Chemical stability

Stable under normal conditions.

Possibility of hazardous reactions

None under normal processing.

Conditions to avoid

Excessive heat.

Incompatible materials

None known based on information supplied.

Hazardous decomposition products None known based on information supplied.Information on toxicological effectsAcute toxicity

	<u>Values</u>	<u>Species</u>	<u>Method</u>	<u>Remarks</u>
Oral LD50 mg/kg	: > 2000	Rat	OECD 423	

Dermal LD50 mg/kg	:	> 2000	Rat	OECD 402
Inhalation LC50 LC50	:	1.07 - 5.10	Rat	OECD 403
Skin corrosion/irritation	:	Non-irritating to the skin	Rabbit	OECD 404
Serious eye damage/eye irritation	:	Irritating to eyes	Rabbit	OECD 405
Sensitization	:	Not a skin sensitizer	Mouse	OECD 429

Chronic toxicity**Germ cell mutagenicity****Chemical name**

Imazamox : Not classified

Carcinogenicity**Chemical name**

Imazamox : Not Carcinogenic

This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP

Reproductive toxicity**Chemical name**

Imazamox : H361d - Suspected of damaging the unborn child

STOT - Single Exposure**Chemical name**

Imazamox : No data available

STOT - Repeated Exposure**Chemical name**

Imazamox : No data available

Aspiration hazard**Chemical name**

Imazamox : No data available

Ecotoxicity**Aquatic toxicity****Acute toxicity**

	<u>Values</u>	<u>Species</u>	<u>Method</u>	<u>Remarks</u>
Fish 96-hour LC50 mg/l	: 74.2	Rainbow trout	OECD 203	
Crustacea 48-hour EC50 mg/l	: > 100	Daphnia magna	OECD 202	
Algae 72-hour EC50 mg/l	: > 100	P. subcapitata	OECD 201	
Other plants EC50 mg/l	: 0.196	Lemna gibba	OECD 221	

Chronic aquatic toxicity

	<u>Values</u>	<u>Species</u>	<u>Method</u>	<u>Remarks</u>
Fish NOEC mg/l	: 50	Oncorhynchus mykiss	OECD 203	
Crustacea NOEC mg/l	: 100	Daphnia magna	OECD 202	
Algae NOEC mg/l	: >100	P.subcapitata	OECD 201	
Other plants NOEC mg/l	: <0.00677	Elodea canadensis		

Terrestrial Toxicity**Birds Oral LD50 mg/kg****Chemical name**

Imazamox : > 1846 Colinus virginianus Acute toxicity

Bees Oral LD50 µg/bee**Chemical name**

Imazamox : > 40 Apis mellifera Oral

Abiotic Degradation**Water DT50 days****Chemical name**

Imazamox : 233 days

Soil DT50 days**Chemical name**

Imazamox : 16.7 days Field

Biodegradation**Chemical name**

Imazamox : No data available

Log Pow**Chemical name**

Imazamox : < - 2.9

ValuesMethodRemarks**Bioconcentration factor (BCF)****Chemical name**

Imazamox : <1 Low bioaccumulation potential

Adsorption/Desorption**Chemical name**

Imazamox : 11.6 KOC

ValuesMethodRemarks**13. Disposal considerations****Waste treatment methods****Waste from residues/unused products**

Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.

Contaminated packaging

Do not reuse empty containers.

14. Transport information**TDG****UN/ID no**

UN3082

UN proper shipping name

Environmentally hazardous substance, liquid, n.o.s. (Imazamox)

Hazard class

9

Packing group

III

Special Provisions

16, 99

Marine pollutant

Imazamox.

Description

UN3082, Environmentally hazardous substance, liquid, n.o.s. (Imazamox), 9, III

Note

Section 1.45.1 of the TDG Regulation provides an exemption from documentation and safety marks for this product when transported by road or railway vehicle in non-bulk containers.

DOT**UN/ID no**

UN3082

UN proper shipping name

Environmentally hazardous substance, liquid, n.o.s. (Imazamox)

Hazard class

9

Packing group

III

Special Provisions

8, 146, 173, 335, 441, IB3, T4, TP1, TP29

Description

UN3082, Environmentally hazardous substance, liquid, n.o.s. (Imazamox), 9, III, Marine

Emergency Response Guide
Number

pollutant
171

IATA

UN number UN3082
UN proper shipping name Environmentally hazardous substance, liquid, n.o.s. (Imazamox)
Transport hazard class(es) 9
Packing group III
ERG Code 9L
Special Provisions A97, A158, A197, A215
Description UN3082, Environmentally hazardous substance, liquid, n.o.s. (Imazamox), 9, III

IMDG

UN number UN3082
UN proper shipping name Environmentally hazardous substance, liquid, n.o.s. (Imazamox)
Hazard Class 9
Packing group III
EmS-No F-A, S-F
Special Provisions 274, 335, 969
Marine pollutant P
Description UN3082, Environmentally hazardous substance, liquid, n.o.s. (Imazamox), 9, III, Marine pollutant



15. Regulatory information

The laws, regulations and standards listed below have requirements on the management of this product:

International Regulations**International Inventories**

TSCA	Contact supplier for inventory compliance status.
DSL/NDL	Contact supplier for inventory compliance status.
EINECS/ELINCS	Contact supplier for inventory compliance status.
ENCS	Contact supplier for inventory compliance status.
IECSC	Contact supplier for inventory compliance status.
KECL	Contact supplier for inventory compliance status.
PICCS	Contact supplier for inventory compliance status.
AICS	Contact supplier for inventory compliance status.

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDL - 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
AICS - Australian Inventory of Chemical Substances

Registration Number Pest Control Product Reg. No. 32929

Pest Control Product Statement This chemical is a pest control product registered by Health Canada Pest Management Regulatory Agency and is subject to certain labelling requirements under the Pest Control Products Act. Read the label before using or handling the pest control product. These label requirements differ from the classification criteria and hazard information required for GHS-consistent safety data sheets. The following is the hazard information required on the pest control product label: CAUTION, POISON, WARNING - Eye irritant

Difference between SDS and product label

	PCPA Product Label	GHS SDS
Signal word	CAUTION / POISON	Warning
Acute toxicity - Dermal	Harmful if absorbed through skin	NA
Acute toxicity - Inhalation	Harmful if inhaled	Harmful if inhaled
Serious eye damage/eye irritation	May cause eye irritation	Causes serious eye irritation
Developmental hazard		

16. Other information

NFPA	Health hazards 2	Flammability 1	Instability 0	Physical and chemical properties -
HMIS	Health hazards 2 *	Flammability 1	Physical hazards 0	Personal protection X

Key or legend to abbreviations and acronyms used in the safety data sheet**Legend Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

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

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)
 EPA (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)
 Japan GHS Classification
 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)
 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 27-Nov-2025

Revision Note No information available.

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