



Metamizol Injection Formulation

| Version | Revision Date: | SDS Number: | Date of last issue: 07/12/2023 |
|---------|----------------|----------------|---------------------------------|
| 3.1 | 09/30/2023 | 10558927-00011 | Date of first issue: 01/14/2022 |
| | | | |

SECTION 1. IDENTIFICATION

| Product name | : | Metamizol Injection Formulation |
|-------------------------------|---|---------------------------------|
| Other means of identification | : | No data available |

Manufacturer or supplier's details

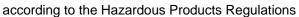
| Company name of supplier | : | Merck & Co., Inc |
|--------------------------|---|---------------------------------|
| Address | : | 126 E. Lincoln Avenue |
| | | Rahway, New Jersey U.S.A. 07065 |
| Telephone | : | 908-740-4000 |
| Emergency telephone | : | 1-908-423-6000 |
| E-mail address | : | EHSDATASTEWARD@merck.com |
| | | |

Recommended use of the chemical and restrictions on use

| Recommended use | : | Veterinary product |
|---------------------|---|--------------------|
| Restrictions on use | : | Not applicable |

SECTION 2. HAZARDS IDENTIFICATION

| GHS classification in accordance with the Hazardous Products Regulations | | | | | |
|--|---|---|--|--|--|
| Reproductive toxicity | : | Category 2 | | | |
| Specific target organ toxicity - repeated exposure (Oral) | : | Category 1 (Blood) | | | |
| GHS label elements | | | | | |
| Hazard pictograms | : | | | | |
| Signal Word | : | Danger | | | |
| Hazard Statements | : | H361 Suspected of damaging fertility or the unborn child. H372 Causes damage to organs (Blood) through prolonged or repeated exposure if swallowed. | | | |
| Precautionary Statements | : | Prevention: | | | |
| | | P201 Obtain special instructions before use. P202 Do not handle until all safety precautions have been read and understood. P260 Do not breathe mist or vapors. P264 Wash skin thoroughly after handling. P270 Do not eat, drink or smoke when using this product. P280 Wear protective gloves, protective clothing, eye protection and face protection. | | | |
| | | Response: | | | |
| | | P308 + P313 IF exposed or concerned: Get medical attention. | | | |





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Storage:

P405 Store locked up.

Disposal:

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

Other hazards

Dust contact with the eyes can lead to mechanical irritation. Contact with dust can cause mechanical irritation or drying of the skin. May form explosive dust-air mixture during processing, handling or other means.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

Components

| Chemical name | Common Name/Synonym | CAS-No. | Concentration (% w/w) |
|----------------|------------------------|----------|-----------------------|
| Metamizol | No data availa- ble | 68-89-3 | 43.03 |
| Benzyl alcohol | Benzenemetha- nol | 100-51-6 | 2.58 |

SECTION 4. FIRST AID MEASURES

| General advice | : | In the case of accident or if you feel unwell, seek medical advice immediately. When symptoms persist or in all cases of doubt seek medical advice. |
|---|---|--|
| If inhaled | : | If inhaled, remove to fresh air. Get medical attention. |
| In case of skin contact | : | In case of contact, immediately flush skin with soap and plenty of water. Remove contaminated clothing and shoes. Get medical attention. Wash clothing before reuse. Thoroughly clean shoes before reuse. |
| In case of eye contact | : | |
| If swallowed | : | If swallowed, DO NOT induce vomiting. Get medical attention. Rinse mouth thoroughly with water. |
| Most important symptoms and effects, both acute and delayed | : | |
| Protection of first-aiders | : | |



according to the Hazardous Products Regulations

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| Notes t | o physician | when the potential for exposure exists (see section 8). Treat symptomatically and supportively. |
| SECTION 5 | . FIRE-FIGHTING ME | ASURES |
| | e extinguishing media able extinguishing | Water spray Alcohol-resistant foam Carbon dioxide (CO2) Dry chemical None known. |
| media | c hazards during fire | : Exposure to combustion products may be a hazard to health. |
| | lous combustion prod- | : Carbon oxides |
| Specifi ods | c extinguishing meth- | : Use extinguishing measures that are appropriate to local cir- cumstances and the surrounding environment. Use water spray to cool unopened containers. Remove undamaged containers from fire area if it is safe to do so. |
| | l protective equipment fighters | Evacuate area. |
| SECTION 6 | . ACCIDENTAL RELE | ASE MEASURES |
| tive equ | al precautions, protec- uipment and emer- procedures | : Use personal protective equipment. Follow safe handling advice (see section 7) and personal protective equipment recommendations (see section 8). |
| Enviror | nmental precautions | Avoid release to the environment. Prevent further leakage or spillage if safe to do so. Prevent spreading over a wide area (e.g., by containment or oil barriers). Retain and dispose of contaminated wash water. Local authorities should be advised if significant spillages cannot be contained. |
| | ds and materials for ment and cleaning up | Soak up with inert absorbent material. Avoid dispersal of dust in the air (i.e., clearing dust surfaces with compressed air). Dust deposits should not be allowed to accumulate on surfaces, as these may form an explosive mixture if they are released into the atmosphere in sufficient concentration. For large spills, provide diking or other appropriate containment to keep material from spreading. If diked material can be pumped, store recovered material in appropriate container. Clean up remaining materials from spill with suitable absorbent. Local or national regulations may apply to releases and disposal of this material, as well as those materials and items employed in the cleanup of releases. You will need to |



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| | | Sections 13 an | th regulations are applicable. d 15 of this SDS provide information regarding national requirements. |
| SECTION | 7. HANDLING AND ST | ORAGE | |
| Tech | nical measures | causing an exp Provide adequa | y may accumulate and ignite suspended dust losion. ate precautions, such as electrical grounding r inert atmospheres. |
| Local | /Total ventilation | | idequate ventilation. |
| Advic | e on safe handling | Do not swallow Avoid contact w Avoid prolonge Wash skin thor Handle in acco practice, based assessment Minimize dust g Keep container Keep away fror Take precautio Do not eat, drir | |
| Cond | itions for safe storage | : Keep in proper Store locked up | ly labeled containers. 5. lance with the particular national regulations. |
| Mate | rials to avoid | : Do not store wi Strong oxidizin | th the following product types: g agents ubstances and mixtures |

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Ingredients with workplace control parameters

| Components | CAS-No. | Value type | Control parame- | Basis |
|------------|---------|------------|--------------------|----------|
| | | (Form of | ters / Permissible | |
| | | exposure) | concentration | |
| Metamizol | 68-89-3 | TWA | 3 mg/m3 (OEB 1) | Internal |

| Engineering measures | : | Use appropriate engineering controls and manufacturing technologies to control airborne concentrations (e.g., drip- less quick connections). All engineering controls should be implemented by facility design and operated in accordance with GMP principles to protect products, workers, and the environment. Laboratory operations do not require special containment. |
|----------------------|---|--|
|----------------------|---|--|





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|------------------------|-------------------------------------|--|--|--|--|--|--|
| Pers | onal protective equipr | ment | | | | | |
| Respiratory protection | | exposure asse | : If adequate local exhaust ventilation is not available or exposure assessment demonstrates exposures outside the recommended guidelines, use respiratory protection. | | | | |
| | ilter type | : Combined par | Combined particulates and organic vapor type | | | | |
| | d protection laterial | : Chemical-resi | Chemical-resistant gloves | | | | |
| Eye | protection | If the work env mists or aeros Wear a facesh | lasses with side shields or goggles. vironment or activity involves dusty conditions, ols, wear the appropriate goggles. hield or other full face protection if there is a rect contact to the face with dusts, mists, or | | | | |
| | and body protection ene measures | : If exposure to eye flushing sy working place When using de Wash contami The effective of engineering co appropriate de industrial hygi | or laboratory coat. chemical is likely during typical use, provide ystems and safety showers close to the o not eat, drink or smoke. inated clothing before re-use. operation of a facility should include review of portrols, proper personal protective equipment, egowning and decontamination procedures, ene monitoring, medical surveillance and the strative controls. | | | | |

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

| Appearance | : | liquid |
|---|---|---|
| Color | : | colorless |
| Odor | : | No data available |
| Odor Threshold | : | No data available |
| рН | : | No data available |
| Melting point/freezing point | : | No data available |
| Initial boiling point and boiling range | : | No data available |
| Flash point | : | No data available |
| Evaporation rate | : | No data available |
| Flammability (solid, gas) | : | May form explosive dust-air mixture during processing, handling or other means. |
| Flammability (liquids) | : | Not applicable |
| Upper explosion limit / Upper flammability limit | : | No data available |



according to the Hazardous Products Regulations

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|-------------|--------------------|--|---|---------------------------|---|
| | | explosion limit / Lower ability limit | : | No data available | |
| | Vapor | pressure | : | No data available |) |
| | Relativ | e vapor density | : | No data available |) |
| | Relativ | e density | : | No data available |) |
| | Density | ý | : | No data available |) |
| | Solubil Wat | ity(ies) ter solubility | : | No data available |) |
| | Partitio octano | n coefficient: n- | : | Not applicable | |
| | | nition temperature | : | No data available |) |
| | Decom | position temperature | : | No data available |) |
| | Viscosi Visc | ity cosity, kinematic | : | No data available | 9 |
| | Explos | ive properties | : | Not explosive | |
| | Oxidizi | ng properties | : | The substance of | mixture is not classified as oxidizing. |
| | Molecu | ılar weight | : | No data available |) |
| | Particle | e size | : | Not applicable | |

SECTION 10. STABILITY AND REACTIVITY

| Reactivity Chemical stability Possibility of hazardous reac- tions | : | Not classified as a reactivity hazard. Stable under normal conditions. May form explosive dust-air mixture during processing, handling or other means. Can react with strong oxidizing agents. |
|---|---|--|
| Conditions to avoid | : | Heat, flames and sparks. Avoid dust formation. |
| Incompatible materials | : | Oxidizing agents |
| Hazardous decomposition products | : | No hazardous decomposition products are known. |

Version



SDS Number:

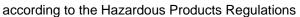


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|---------------------------|--------------------------------------|---------|--|---|
| CTION | 11. TOXICOLOGICA | LINF | ORMATION | |
| Inforr | nation on likely rout | es of | exposure | |
| Inhala Skin o Inges | ation | | | |
| | e toxicity lassified based on ava | ailable | information. | |
| Produ | | | | |
| | e oral toxicity | : | Acute toxicity es Method: Calcula | stimate: > 2,000 mg/kg ation method |
| Acute | inhalation toxicity | : | Acute toxicity es Exposure time: Test atmospher Method: Calcula | e: dust/mist |
| Comp | oonents: | | | |
| Metar | mizol: | | | |
| Acute | oral toxicity | : | () | : 3,000 mg/kg Central nervous system |
| | | | | bit): 2,150 mg/kg Central nervous system |
| | | | | nea pig): 1,000 mg/kg Central nervous system |
| Benz | yl alcohol: | | | |
| | oral toxicity | : | LD50 (Rat): 1,62 | 20 mg/kg |
| Acute | inhalation toxicity | : | LC50 (Rat): > 4 Exposure time: Test atmospher Method: OECD | 4 h |
| - | corrosion/irritation | ailable | information | |
| | oonents: | | | |
| | yl alcohol: | | | |
| Speci Metho Resul | es od | : | Rabbit OECD Test Gui No skin irritatior | |





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Serious eye damage/eye irritation

Not classified based on available information.

Components:

Benzyl alcohol:

Respiratory or skin sensitization

Skin sensitization

Not classified based on available information.

Respiratory sensitization

Not classified based on available information.

Components:

Benzyl alcohol:

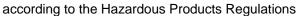
| Test Type | : | Maximization Test |
|--------------------|---|-------------------------|
| Routes of exposure | : | Skin contact |
| Species | : | Guinea pig |
| Method | : | OECD Test Guideline 406 |
| Result | : | negative |

Germ cell mutagenicity

Not classified based on available information.

Components:

| Metamizol: | | |
|-----------------------|---|---|
| Genotoxicity in vitro | : | Test Type: Ames test Result: negative |
| | | Test Type: Mutagenicity (in vitro mammalian cytogenetic test) Test system: Chinese hamster lung cells Result: negative |
| Genotoxicity in vivo | : | Test Type: Micronucleus test Species: Mouse Result: negative |
| Benzyl alcohol: | | |
| Genotoxicity in vitro | : | Test Type: Bacterial reverse mutation assay (AMES) Result: negative |
| Genotoxicity in vivo | : | Test Type: Mammalian erythrocyte micronucleus test (in vivo cytogenetic assay) Species: Mouse Application Route: Intraperitoneal injection Result: negative |





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|--|---|

Carcinogenicity

Not classified based on available information.

Components:

| Metamizol: Species Application Route Exposure time Result | Mouse, male oral (feed) 2 Years 375 mg/kg bw/day negative |
|--|---|
| Species Application Route Exposure time Result | Mouse, female oral (feed) 2 Years 442 mg/kg bw/day negative |
| Species Application Route Exposure time Result | Rat, male oral (drinking water) 2 Years 150 mg/kg bw/day negative |
| Species Application Route Exposure time Result | Rat, female oral (drinking water) 2 Years 193 mg/kg bw/day negative |
| Benzyl alcohol: Species Application Route Exposure time Method Result | Mouse Ingestion 103 weeks OECD Test Guideline 451 negative |

Reproductive toxicity

Suspected of damaging fertility or the unborn child.

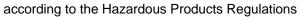
Components:

Metamizol:

Effects on fertility

: Test Type: Fertility/early embryonic development Species: Rat Application Route: Oral Early Embryonic Development: NOAEL: 100 mg/kg body weight Result: Fetotoxicity., Maternal toxicity observed., May cause adverse reproductive effects.

Test Type: Fertility/early embryonic development





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|------------------------------|---|---|---|---|
| | | | weight | e: Oral Development: NOAEL: 400 mg/kg body ty., Increased resorptions. |
| | | | Species: Rabbit Application Route Early Embryonic weight | y/early embryonic development e: Oral Development: NOAEL: 25 mg/kg body ty., Increased resorptions. |
| Effect | s on fetal development | : | Result: Maternal | e: Oral oxicity: NOAEL: 250 mg/kg body weight toxicity observed., Reduced maternal body uced maternal food consumption., Reduced |
| • | Reproductive toxicity - As- sessment | | Suspected of dan unborn child. | naging fertility. Suspected of damaging the |
| Benzy | /l alcohol: | | | |
| | s on fertility | : | Species: Rat Application Route Result: negative | y/early embryonic development :: Ingestion on data from similar materials |
| Effects on fetal development | | : | Test Type: Embry Species: Mouse Application Route Result: negative | vo-fetal development :: Ingestion |

Not classified based on available information.

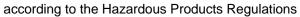
STOT-repeated exposure

Causes damage to organs (Blood) through prolonged or repeated exposure if swallowed.

Components:

Metamizol:

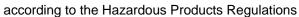
| Routes of exposure | : | Oral |
|--------------------|---|---|
| Target Organs | : | Blood |
| Assessment | : | Causes damage to organs through prolonged or repeated exposure. |





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|---|--|--|---|
| Repe | eated dose toxicity | | |
| <u>Com</u> | ponents: | | |
| Meta | mizol: | | |
| Expo Targo Symp Spec NOA Appli | EL ication Route osure time et Organs otoms cies EL ication Route | : Rat : 50 mg/kg : Subcutaneous : 28 d : Blood : blood effects : Rat : 150 mg/kg : Intravenous | 5 |
| Targe | sure time et Organs ptoms | : 28 d : Blood : blood effects | |
| Expo Targe | | : Rat : 300 mg/kg : Oral : 26 Weeks : Blood : blood effects | |
| Expo Targe | | : Dog : 150 mg/kg : Subcutaneous : 28 d : Blood : blood effects | 5 |
| Expo Targe | | | intestinal tract Salivation, Vomiting |
| Expo Targe | | : Dog : 100 mg/kg : Oral : 26 Weeks : Blood, Liver, H : blood effects | Kidney, spleen |
| Spec NOA Appli | EL cation Route sure time | : Rat : 1.072 mg/l : inhalation (du : 28 Days : OECD Test G | |





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Aspiration toxicity

Not classified based on available information.

:

Experience with human exposure

Components:

Metamizol:

Ingestion

Target Organs: Blood Symptoms: blood effects, Bloody urine, Diarrhea, Nausea, Rash, hypotension

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

Components:

Metamizol:

| Toxicity to fish | : | LC50 (Pimephales promelas (fathead minnow)): > 100 mg/l Exposure time: 96 h Method: OECD Test Guideline 203 |
|---|---|---|
| Toxicity to daphnia and other aquatic invertebrates | : | EC50 (Daphnia magna (Water flea)): 47 mg/l Exposure time: 48 h Method: OECD Test Guideline 202 |
| Toxicity to algae/aquatic plants | : | EC50 (Raphidocelis subcapitata (freshwater green alga)): > 50.8 mg/l Exposure time: 72 h Method: OECD Test Guideline 201 |
| Toxicity to daphnia and other aquatic invertebrates (Chron- ic toxicity) | : | EC10 (Daphnia magna (Water flea)): 0.725 mg/l Exposure time: 21 d Method: OECD Test Guideline 211 |
| Benzyl alcohol: | | |
| Toxicity to fish | : | LC50 (Pimephales promelas (fathead minnow)): 460 mg/l Exposure time: 96 h |
| Toxicity to daphnia and other aquatic invertebrates | : | EC50 (Daphnia magna (Water flea)): 230 mg/l Exposure time: 48 h Method: OECD Test Guideline 202 |
| Toxicity to algae/aquatic plants | : | EC50 (Pseudokirchneriella subcapitata (green algae)): 770 mg/l Exposure time: 72 h Method: OECD Test Guideline 201 |
| | | NOEC (Pseudokirchneriella subcapitata (green algae)): 310 mg/l Exposure time: 72 h |



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| | | | Method: OECD T | est Guideline 201 |
| | ty to daphnia and other ic invertebrates (Chron- city) | : | NOEC (Daphnia i Exposure time: 2 Method: OECD T | |
| Persis | stence and degradabili | ty | | |
| Comp | oonents: | | | |
| Metar | nizol: | | | |
| Biode | gradability | : | Result: Not readil Biodegradation: | |
| Benzy | /l alcohol: | | | |
| Biode | gradability | : | Result: Readily b Biodegradation: Exposure time: 14 | 92 - 96 % |
| Bioac | cumulative potential | | | |
| Comp | onents: | | | |
| Partiti | /l alcohol: on coefficient: n- ol/water | : | log Pow: 1.05 | |
| | ity in soil ta available | | | |
| Other | adverse effects | | | |
| No da | ta available | | | |
| ECTION | 13. DISPOSAL CONSI | DER | ATIONS | |
| Dispo | sal methods | | | |
| - | e from residues | : | | waste into sewer. |
| Conta | minated packaging | Dispose of in accordance with local regulations. Empty containers should be taken to an approved handling site for recycling or disposal. If not otherwise specified: Dispose of as unused p | | should be taken to an approved waste ecycling or disposal. |
| ECTION | 14. TRANSPORT INFO | RM | ATION | |
| | | | | |
| Intern | ational Regulations | | | |

| UNRTDG UN number Proper shipping name | : | UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. |
|--|---|---|
| Class | : | (Metamizol) 9 |

according to the Hazardous Products Regulations



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| | Labels | g group nmentally hazardous | : | III 9 yes | |
| | Class Packin Labels Packin aircraft Packin ger airc | No. shipping name g group g instruction (cargo) g instruction (passen- | | UN 3082 Environmentally k (Metamizol) 9 III Miscellaneous 964 964 yes | nazardous substance, liquid, n.o.s. |
| | IMDG- UN nur Proper | | : | UN 3082 ENVIRONMENT/ N.O.S. (Metamizol) | ALLY HAZARDOUS SUBSTANCE, LIQUID, |
| | Labels EmS C | g group ode pollutant | : | 9 III 9 F-A, S-F yes | |
| | Not ap | port in bulk according plicable for product as stic regulation | | | OL 73/78 and the IBC Code |
| | | | | | |

| TDG | | |
|----------------------|---|---|
| UN number | : | UN 3082 |
| Proper shipping name | : | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Metamizol) |
| Class | : | 9 |
| Packing group | : | |
| Labels | : | 9 |
| ERG Code | : | 171 |
| Marine pollutant | : | yes(Metamizol) |
| | | |

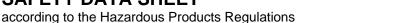
Special precautions for user

The transport classification(s) provided herein are for informational purposes only, and solely based upon the properties of the unpackaged material as it is described within this Safety Data Sheet. Transportation classifications may vary by mode of transportation, package sizes, and variations in regional or country regulations.

SECTION 15. REGULATORY INFORMATION

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

AICS : not determined





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| DSL | | : not determined | |
| IECSC | ; | : not determined | |

SECTION 16. OTHER INFORMATION

Full text of other abbreviations

AIIC - Australian Inventory of Industrial Chemicals; ANTT - National Agency for Transport by Land of Brazil; ASTM - American Society for the Testing of Materials; bw - Body weight; CMR -Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; ERG - Emergency Response Guide; GHS - Globally Harmonized System: GLP - Good Laboratory Practice: IARC - International Agency for Research on Cancer: IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; Nch - Chilean Norm; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NOM - Official Mexican Norm; NTP - National Toxicology Program; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TDG - Transportation of Dangerous Goods; TECI - Thailand Existing Chemicals Inventory; TSCA - Toxic Substances Control Act (United States): UN - United Nations: UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative; WHMIS - Workplace Hazardous Materials Information System

| Sources of key data used to compile the Material Safety Data Sheet | : | Internal technical data, data from raw material SDSs, OECD eChem Portal search results and European Chemicals Agen- cy, http://echa.europa.eu/ |
|--|---|--|
| Revision Date Date format | : | 09/30/2023 mm/dd/yyyy |

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 is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and



according to the Hazardous Products Regulations

Metamizol Injection Formulation

| Version | Revision Date: | SDS Number: | Date of last issue: 07/12/2023 |
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shall not be considered a warranty or quality specification of any type. The information provided relates only to the specific material identified at the top of this SDS and may not be valid when the SDS material is used in combination with any other materials or in any process, unless specified in the text. Material users should review the information and recommendations in the specific context of their intended manner of handling, use, processing and storage, including an assessment of the appropriateness of the SDS material in the user's end product, if applicable.

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