

SAFETY DATA SHEET



Clean-Up™ II Pour-On Insecticide with IGR

Version 1.0 Revision Date: 10/19/2021 SDS Number: 122000016959 Date of last issue: -
Date of first issue: 10/19/2021

SECTION 1. IDENTIFICATION

Product information

Product Name : Clean-Up™ II Pour-On Insecticide with IGR
Synonyms : Clean Up II®
Diflubenzuron + permethrin pour-on solution CLEAN UP II
POUR ON
SDS Number : 122000016959

Use : Insect-repellent

Company

Elanco US Inc.
2500 Innovation Way
Greenfield, IN 46140
USA
+1-877-Elanco1(+1-877-3526261)
elanco_sds@elancoah.com

In case of emergency: CHEMTREC International: +1 703-527-3887 (24 hours)

SECTION 2. HAZARDS IDENTIFICATION

GHS classification in accordance with the OSHA Hazard Communication Standard (29 CFR 1910.1200)

Eye irritation : Category 2B

Aspiration hazard : Category 1

GHS label elements

Hazard pictograms :



Signal word : Danger

Hazard statements : H304 May be fatal if swallowed and enters airways.
H320 Causes eye irritation.

Precautionary statements :

Prevention:

P264 Wash skin thoroughly after handling.

Response:

P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor.

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

P331 Do NOT induce vomiting.

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

Storage:

P405 Store locked up.

Disposal:

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

Other hazards

None known.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

Components

| Chemical name | CAS-No. | Concentration (% w/w) |
|---|-------------|-----------------------|
| White mineral oil (petroleum), viscosity $\leq 20,5$ mm ² /s | 8042-47-5 | 82 |
| Permethrin | 52645-53-1 | 4.9999 |
| Paraffin oils | 8012-95-1 | 3.6 |
| N-[[4-chlorophenyl]amino]carbonyl]-2,6-difluorobenzamide | 35367-38-5 | 3 |
| Silicon dioxide (amorphous) | 112945-52-5 | 2.7499 |

SECTION 4. FIRST AID MEASURES

General advice : No hazards which require special first aid measures.

If inhaled : Not an expected entry route.

In case of skin contact : If skin reactions occur, contact a physician.

In case of eye contact : Flush eyes with water as a precaution.

If swallowed : In case of accidental ingestion, contact your regional poison center or physician immediately.

Most important symptoms and effects, both acute and delayed : May be fatal if swallowed and enters airways. Causes eye irritation.

Protection of first-aiders : No special precautions are necessary for first aid responders.

SECTION 5. FIREFIGHTING MEASURES

Suitable extinguishing media : Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

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- Unsuitable extinguishing media : High volume water jet
- Specific hazards during fire-fighting : Fire may cause evolution of:
Hydrogen fluoride
Hydrogen chloride gas
- Further information : Prevent fire extinguishing water from contaminating surface water or the ground water system.
- Special protective equipment for firefighters : In the event of fire, wear self-contained breathing apparatus.

SECTION 6. ACCIDENTAL RELEASE MEASURES

- Personal precautions, protective equipment and emergency procedures : Avoid formation of aerosol.
- Methods and materials for containment and cleaning up : Cover spilled product with liquid-binding material (sand, silica gel, acid binder, universal binder, hybilat). Take up mechanically and fill into labeled, closable containers.

SECTION 7. HANDLING AND STORAGE

- Advice on protection against fire and explosion : No special protective measures against fire required.
- Advice on safe handling : Avoid formation of aerosol.
- Conditions for safe storage : Store at temperatures and conditions as indicated on the product label.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

| Components | CAS-No. | Value type (Form of exposure) | Control parameters / Permissible concentration | Basis |
|--|------------|-------------------------------|--|-----------|
| White mineral oil (petroleum), viscosity <=20,5 mm ² /s | 8042-47-5 | TWA (Mist) | 5 mg/m ³ | OSHA Z-1 |
| | | TWA (Inhalable fraction) | 5 mg/m ³ | ACGIH |
| | | TWA (Mist) | 5 mg/m ³ | OSHA P0 |
| | | TWA (Mist) | 5 mg/m ³ | NIOSH REL |
| | | ST (Mist) | 10 mg/m ³ | NIOSH REL |
| Permethrin | 52645-53-1 | SUP | 10 mg/m ³ | |
| Paraffin oils | 8012-95-1 | TWA (Mist) | 5 mg/m ³ | OSHA Z-1 |
| | | TWA (Inhalable fraction) | 5 mg/m ³ | ACGIH |
| | | TWA (Mist) | 5 mg/m ³ | OSHA P0 |

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| | | | | |
|-----------------------------|-------------|------------|--|-----------|
| | | TWA (Mist) | 5 mg/m3 | NIOSH REL |
| | | ST (Mist) | 10 mg/m3 | NIOSH REL |
| Silicon dioxide (amorphous) | 112945-52-5 | TWA (Dust) | 20 Million particles per cubic foot (Silica) | OSHA Z-3 |
| | | TWA (Dust) | 80 mg/m3 / %SiO2 (Silica) | OSHA Z-3 |
| | | TWA | 6 mg/m3 (Silica) | NIOSH REL |

Personal protective equipment

- Respiratory protection : Recommended Filter type:
Organic vapor with prefilter
None required for consumer use of this product.
- Hand protection
Material : Chemically resistant gloves.
Remarks : None required for consumer use of this product.
- Eye protection : Safety glasses
None required for consumer use of this product.
- Protective measures : Please consult label for end-user requirements.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

- Appearance : solution
- Colour : yellowish
- Odour : aromatic
- Odour Threshold : No data available
- pH : No data available
- Melting point / range : No data available
- Boiling point/boiling range : No data available
- Flash point : No data available
- Evaporation rate : No data available
- Burning rate : No data available
- Self-ignition : No data available

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Burning number : No data available

Upper explosion limit / Upper flammability limit : No data available

Lower explosion limit / Lower flammability limit : No data available

Vapour pressure : No data available

Relative vapour density : No data available

Relative density : No data available

Density : 0.915 g/cm³

Bulk density : No data available

Solubility(ies)

 Water solubility : No data available

 Solubility in other solvents : No data available

Partition coefficient: n-octanol/water : No data available

Auto-ignition temperature : No data available

Decomposition temperature : No data available

Viscosity

 Viscosity, dynamic : No data available

 Viscosity, kinematic : No data available

Explosive properties : No data available

Oxidizing properties : No data available

Impact sensitivity : No data available

Minimum ignition energy : No data available

SECTION 10. STABILITY AND REACTIVITY

Reactivity : No data available

Chemical stability : Stable

Possibility of hazardous reactions : No data available

Conditions to avoid : Do not allow product to come in contact with:

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Heat
Exposure to sunlight.

Incompatible materials : Strong acids

Hazardous decomposition products : Nitrogen oxides (NOx)
Carbon monoxide
Carbon dioxide (CO₂)

SECTION 11. TOXICOLOGICAL INFORMATION

Acute toxicity

Not classified based on available information.

Product:

Acute oral toxicity : Acute toxicity estimate: > 5,000 mg/kg
Method: Calculation method

Acute inhalation toxicity : Acute toxicity estimate: 24.63 mg/l
Exposure time: 4 h
Test atmosphere: dust/mist
Method: Calculation method

Acute dermal toxicity : Acute toxicity estimate: > 5,000 mg/kg
Method: Calculation method

Components:

White mineral oil (petroleum), viscosity <=20,5 mm²/s:

Acute oral toxicity : LD₅₀ (Rat): > 5,000 mg/kg
Method: OECD Test Guideline 401
Assessment: The substance or mixture has no acute oral toxicity

Permethrin:

Acute oral toxicity : LD₅₀ (Rat): 430 mg/kg

Acute inhalation toxicity : LC₅₀ (Rat): 2.3 mg/l
Exposure time: 4 h
Test atmosphere: dust/mist

Acute dermal toxicity : LD₅₀ (Rat): > 2,500 mg/kg

Paraffin oils:

Acute oral toxicity : LD₅₀ (Rat): > 5,000 mg/kg
Assessment: The substance or mixture has no acute oral toxicity

Acute inhalation toxicity : LC₅₀ (Rat): > 5 mg/l
Exposure time: 4 h
Test atmosphere: dust/mist

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N-[[[4-chlorophenyl]amino]carbonyl]-2,6-difluorobenzamide:

Acute oral toxicity : LD50 (Rat): > 5,000 mg/kg
Acute inhalation toxicity : LC50: 2.5 mg/l
Exposure time: 4 h
Test atmosphere: dust/mist
Acute dermal toxicity : LD50 (Rabbit): > 2,000 mg/kg

Silicon dioxide (amorphous):

Acute oral toxicity : LD50 (Rat): > 20,000 mg/kg
Assessment: The substance or mixture has no acute oral toxicity
Acute dermal toxicity : LD50 (Rabbit): > 5,000 mg/kg

Skin corrosion/irritation

Not classified based on available information.

Product:

Species : Rabbit
Result : Mild skin irritation

Components:

White mineral oil (petroleum), viscosity $\leq 20,5$ mm²/s:

Species : Rabbit
Method : OECD Test Guideline 404
Result : No skin irritation

Permethrin:

Species : Rabbit
Result : No skin irritation

Paraffin oils:

Species : Rabbit
Result : No skin irritation

N-[[[4-chlorophenyl]amino]carbonyl]-2,6-difluorobenzamide:

Species : Rabbit
Result : No skin irritation

Silicon dioxide (amorphous):

Species : Rabbit
Result : No skin irritation

Serious eye damage/eye irritation

Causes eye irritation.

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Product:

Species : Rabbit
Result : Mild eye irritation

Components:

White mineral oil (petroleum), viscosity $\leq 20,5$ mm²/s:

Species : Rabbit
Result : No eye irritation
Method : OECD Test Guideline 405

Paraffin oils:

Species : Rabbit
Result : No eye irritation

N-[[4-chlorophenyl]amino]carbonyl]-2,6-difluorobenzamide:

Species : Rabbit
Result : slight irritation

Silicon dioxide (amorphous):

Species : Rabbit
Result : No eye irritation

Respiratory or skin sensitisation

Skin sensitisation

Not classified based on available information.

Respiratory sensitisation

Not classified based on available information.

Product:

Method : Buehler Test
Result : Does not cause skin sensitisation.

Components:

White mineral oil (petroleum), viscosity $\leq 20,5$ mm²/s:

Species : Guinea pig
Method : OECD Test Guideline 406
Result : Did not cause sensitisation on laboratory animals.

Permethrin:

Result : May cause sensitisation by skin contact.

N-[[4-chlorophenyl]amino]carbonyl]-2,6-difluorobenzamide:

Species : Guinea pig
Result : Did not cause sensitisation on laboratory animals.

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Silicon dioxide (amorphous):

Assessment : An acute toxic effect is not expected.

Germ cell mutagenicity

Not classified based on available information.

Components:

White mineral oil (petroleum), viscosity $\leq 20,5$ mm²/s:

Genotoxicity in vitro : Test Type: Ames test
Test system: Salmonella typhimurium
Method: OECD Test Guideline 471
Result: No indication of mutagenic effects.

Silicon dioxide (amorphous):

Genotoxicity in vitro : Test Type: In vitro gene mutation study in mammalian cells
Remarks: The available study results do not lead to a GHS classification

Genotoxicity in vivo : Result: No indication of mutagenic effects.

Carcinogenicity

Not classified based on available information.

Components:

Silicon dioxide (amorphous):

Result : No indication on the basis of the available data.

IARC No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

OSHA No component of this product present at levels greater than or equal to 0.1% is on OSHA's list of regulated carcinogens.

NTP No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

Reproductive toxicity

Not classified based on available information.

Components:

White mineral oil (petroleum), viscosity $\leq 20,5$ mm²/s:

Effects on fertility : Species: Rat
Application Route: Oral
General Toxicity F1: NOAEL: > 4,350 mg/kg
Result: Animal studies have produced no evidence of toxic effects on reproduction.

STOT - single exposure

Not classified based on available information.

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STOT - repeated exposure

Not classified based on available information.

Repeated dose toxicity

Components:

White mineral oil (petroleum), viscosity $\leq 20,5 \text{ mm}^2/\text{s}$:

Species : Rabbit
NOAEL : 1,000 mg/kg
Application Route : Dermal
Method : OECD Test Guideline 410

Paraffin oils:

Species : Rabbit
NOAEL : 1000 mg/kg
Application Route : Dermal
Exposure time : 28-day
Method : OECD Test Guideline 410

Silicon dioxide (amorphous):

Repeated dose toxicity - Assessment : An acute toxic effect is not expected.

Aspiration toxicity

May be fatal if swallowed and enters airways.

Components:

White mineral oil (petroleum), viscosity $\leq 20,5 \text{ mm}^2/\text{s}$:

May be fatal if swallowed and enters airways.

Experience with human exposure

Components:

Silicon dioxide (amorphous):

General Information : Prolonged inhalation of fine quartz dust may produce in susceptible persons silicosis. Fine quartz dust has no acute toxicity. Ingestion of fine quartz dust is harmless.

Further information

Components:

White mineral oil (petroleum), viscosity $\leq 20,5 \text{ mm}^2/\text{s}$:

Remarks : Risk of serious damage to the lungs (by aspiration).
Aspiration of mineral oil dust may cause lipoid pneumonia.

Permethrin:

Pharmaceutic effects
Remarks : Insecticide

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Remarks : Cutaneous sensations may occur, such as burning or stinging on the face and mucosae. However, these sensations cause no lesions and are of a transitory nature (max. 24 hours).

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

Components:

White mineral oil (petroleum), viscosity $\leq 20,5$ mm²/s:

- Toxicity to fish : LC50 (Leuciscus idus (Golden orfe)): > 1,000 mg/l
Exposure time: 96 h
Test Type: Acute Fish toxicity
Method: OECD Test Guideline 203
- Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia pulex (Water flea)): > 100 mg/l
Exposure time: 48 h
Method: OECD Test Guideline 202
- Toxicity to algae/aquatic plants : NOEL (Pseudokirchneriella subcapitata (green algae)): > 100 mg/l
Method: OECD Test Guideline 201
- Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) : EL50 (Daphnia magna (Water flea)): > 1,000 mg/l
Exposure time: 21 d
Method: OECD Test Guideline 211

Permethrin:

- Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): 0.00017 mg/l
Exposure time: 48 h
- Toxicity to algae/aquatic plants : EC50: 0.5 mg/l
Exposure time: 72 h

Paraffin oils:

- Toxicity to fish : LC50 (Lepomis macrochirus (Bluegill sunfish)): > 10,000 mg/l
Exposure time: 96 h
- Toxicity to daphnia and other aquatic invertebrates : LL50 (Daphnia magna (Water flea)): > 100 mg/l
Exposure time: 48 h
- Toxicity to algae/aquatic plants : NOEL (Pseudokirchneriella subcapitata (green algae)): > 100 mg/l
Exposure time: 3 d
- Toxicity to fish (Chronic toxicity) : NOELR: > 1,000 mg/l
Exposure time: 28 d
- Toxicity to microorganisms : EC50: > 10,000 mg/l

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N-[[[4-chlorophenyl]amino]carbonyl]-2,6-difluorobenzamide:

- Toxicity to fish : LC50 (Oncorhynchus mykiss (rainbow trout)): 106.4 mg/l
Exposure time: 96 h
- LC50 (Danio rerio (zebra fish)): 64.8 mg/l
Exposure time: 96 h
- Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): 0.0026 mg/l
Exposure time: 48 h
- Toxicity to algae/aquatic plants : IC50 (Selenastrum Capricornutum (Green algae)): 80 mg/l
Exposure time: 72 h

Silicon dioxide (amorphous):

- Toxicity to fish : LC50 (Danio rerio (zebra fish)): > 10,000 mg/l
Exposure time: 96 h
Test Type: Acute Fish toxicity
Method: OECD Test Guideline 203
- Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): > 10,000 mg/l
Exposure time: 48 h
Method: OECD Test Guideline 202

Ecotoxicology Assessment

- Acute aquatic toxicity : This product has no known ecotoxicological effects.

Persistence and degradability

Components:

White mineral oil (petroleum), viscosity $\leq 20,5 \text{ mm}^2/\text{s}$:

- Biodegradability : Result: Partially biodegradable.
Biodegradation: > 31.3 %
Exposure time: 28 d
Method: OECD Test Guideline 301F

Permethrin:

- Biodegradability : Result: Not rapidly biodegradable
Biodegradation: 0 %
Testing period: 7 d
Exposure time: 28 d
Kinetic:
7 d: 0 %
14 d: 0 %
21 d: 0 %
28 d: 0 %

Paraffin oils:

- Biodegradability : Result: Not readily biodegradable.

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Bioaccumulative potential

Components:

Permethrin:

Partition coefficient: n-octanol/water : log Pow: 5.95

Paraffin oils:

Partition coefficient: n-octanol/water : log Pow: > 4

Mobility in soil

No data available

Other adverse effects

Product:

Results of PBT and vPvB assessment : This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

Ozone-Depletion Potential : Regulation: 40 CFR Protection of Environment; Part 82 Protection of Stratospheric Ozone - CAA Section 602 Class I Substances
Remarks: 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).

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods

Waste from residues : If discarded in its purchased form, this product would not be a hazardous waste either by listing or by characteristic.

However, under RCRA, it is the responsibility of the product user to determine at the time of disposal, whether a material containing the product or derived from the product should be classified as a hazardous waste. (40 CFR 261.20-24)

SECTION 14. TRANSPORT INFORMATION

International Regulations

IATA-DGR

UN/ID No. : NA 3082
Proper shipping name : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (PERMETHRIN)
Class : 9

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Packing group : III
Labels : Miscellaneous
Packing instruction (cargo aircraft) : 964
Packing instruction (passenger aircraft) : 964
Environmentally hazardous : yes

IMDG-Code

UN number : NA 3082
Proper shipping name : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (PERMETHRIN)
Class : 9
Packing group : III
Labels : 9
EmS Code : F-A, S-F
Marine pollutant : yes

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

This product is not regulated as a dangerous good when transported in sizes of ≤5 L or ≤5 kg, provided the packagings meet the general provisions of 5.0.2.4.1, 5.0.2.6.1.1 and 5.0.2.8.

National Regulations

49 CFR

Not regulated as a dangerous good

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

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.

SARA 302 Extremely Hazardous Substances Threshold Planning Quantity

This material does not contain any components with a section 302 EHS TPQ.

SARA 311/312 Hazards : Aspiration hazard
Serious eye damage or eye irritation

SARA 313 : The following components are subject to reporting levels established by SARA Title III, Section 313:

| | | |
|------------|------------|----------|
| Permethrin | 52645-53-1 | 4.9999 % |
|------------|------------|----------|

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| | | |
|--|------------|-----|
| N-[[[4-chloro-phenyl)amino]carbonyl]-2,6-difluorobenzamide | 35367-38-5 | 3 % |
|--|------------|-----|

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 SOCM 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 toxic pollutants listed under the U.S. Clean Water Act Section 307

This product does not contain any priority pollutants related to the U.S. Clean Water Act

US State Regulations

Massachusetts Right To Know

| | |
|---|------------|
| White mineral oil (petroleum), viscosity $\leq 20,5$ mm ² /s | 8042-47-5 |
| Permethrin | 52645-53-1 |
| Paraffin oils | 8012-95-1 |
| N-[[[4-chlorophenyl)amino]carbonyl]-2,6-difluorobenzamide | 35367-38-5 |

Pennsylvania Right To Know

| | |
|---|------------|
| White mineral oil (petroleum), viscosity $\leq 20,5$ mm ² /s | 8042-47-5 |
| Permethrin | 52645-53-1 |
| Paraffin oils | 8012-95-1 |
| N-[[[4-chlorophenyl)amino]carbonyl]-2,6-difluorobenzamide | 35367-38-5 |

Maine Chemicals of High Concern

Product does not contain any listed chemicals

Vermont Chemicals of High Concern

Product does not contain any listed chemicals

Washington Chemicals of High Concern

Product does not contain any listed chemicals

California List of Hazardous Substances

| | |
|---|-----------|
| White mineral oil (petroleum), viscosity $\leq 20,5$ mm ² /s | 8042-47-5 |
| Paraffin oils | 8012-95-1 |

California Permissible Exposure Limits for Chemical Contaminants

| | |
|---|-----------|
| White mineral oil (petroleum), viscosity $\leq 20,5$ mm ² /s | 8042-47-5 |
|---|-----------|

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Paraffin oils 8012-95-1
Silicon dioxide (amorphous) 112945-52-5

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

TSCA : Product contains substance(s) not listed on TSCA inventory.

TSCA list

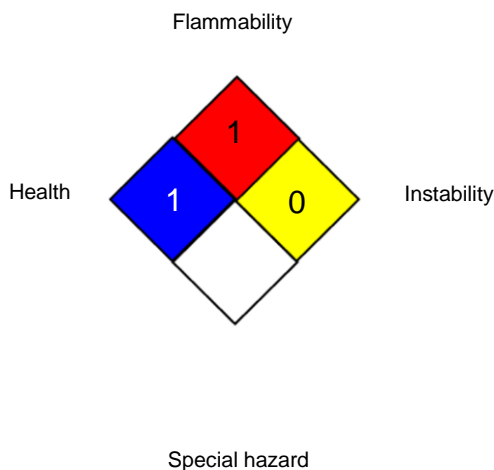
No substances are subject to a Significant New Use Rule.

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

SECTION 16. OTHER INFORMATION

Further information

NFPA 704:



HMIS® IV:

| | | |
|------------------------|---|----------|
| HEALTH | / | 3 |
| FLAMMABILITY | | 1 |
| PHYSICAL HAZARD | | 0 |

HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. The "*" represents a chronic hazard, while the "/" represents the absence of a chronic hazard.

Full text of other abbreviations

- ACGIH : USA. ACGIH Threshold Limit Values (TLV)
- NIOSH REL : USA. NIOSH Recommended Exposure Limits
- OSHA P0 : USA. OSHA - TABLE Z-1 Limits for Air Contaminants - 1910.1000
- OSHA Z-1 : USA. Occupational Exposure Limits (OSHA) - Table Z-1 Limits for Air Contaminants
- OSHA Z-3 : USA. Occupational Exposure Limits (OSHA) - Table Z-3 Mineral Dusts
- ACGIH / TWA : 8-hour, time-weighted average
- NIOSH REL / TWA : Time-weighted average concentration for up to a 10-hour workday during a 40-hour workweek
- NIOSH REL / ST : STEL - 15-minute TWA exposure that should not be exceeded at any time during a workday
- OSHA P0 / TWA : 8-hour time weighted average
- OSHA Z-1 / TWA : 8-hour time weighted average
- OSHA Z-3 / TWA : 8-hour time weighted average

SAFETY DATA SHEET



Clean-Up™ II Pour-On Insecticide with IGR

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|---------|----------------|--------------|---------------------------------|
| Version | Revision Date: | SDS Number: | Date of last issue: - |
| 1.0 | 10/19/2021 | 122000016959 | Date of first issue: 10/19/2021 |

AIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw - Body weight; CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DOT - Department of Transportation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; EHS - Extremely Hazardous Substance; 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; HMIS - Hazardous Materials Identification System; 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; MSHA - Mine Safety and Health Administration; n.o.s. - Not Otherwise Specified; NFPA - National Fire Protection Association; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; 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; RCRA - Resource Conservation and Recovery Act; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RQ - Reportable Quantity; SADT - Self-Accelerating Decomposition Temperature; SARA - Superfund Amendments and Reauthorization Act; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance 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

Revision Date : 10/19/2021

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.

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