



Dyna-Wipes IPA®

Safety Data Sheet acc. to 29 CFR 1910.1200 App D

SECTION 1: Identification

1.1 Product identifier

Trade name **Dyna-Wipes IPA®**
 Product code(s) 473

1.2 Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses General use

1.3 Details of the supplier of the safety data sheet

Verax Chemical Company
 20102 Broadway Ave
 Snohomish WA 98296
 United States

Telephone: +1 (360) 668-2431
 e-mail: info@veraxproducts.com
 Website: www.veraxproducts.com

1.4 Emergency telephone number

Emergency information service US: (800) 535-5053 | INT: 1 (352) 323-3500

SECTION 2: Hazard(s) identification

2.1 Classification of the substance or mixture

Classification acc. to OSHA "Hazard Communication Standard" (29 CFR 1910.1200)

| Section. | Hazard class. | Category. | Hazard class and category. | Hazard statement. |
|----------|--|-----------|----------------------------|-------------------|
| A.3. | Serious eye damage/eye irritation. | 2. | Eye Irrit. 2. | H319. |
| A.8D. | Specific target organ toxicity - single exposure (narcotic effects, drowsiness). | 3. | STOT SE 3. | H336. |
| B.7. | Flammable solid. | 1. | Flam. Sol. 1. | H228. |

For full text of abbreviations: see SECTION 16.

2.2 Label elements

Labelling acc. to OSHA "Hazard Communication Standard" (29 CFR 1910.1200)

- Signal word danger

- Pictograms

GHS02, GHS07



- Hazard statements

H228 Flammable solid.
 H319 Causes serious eye irritation.
 H336 May cause drowsiness or dizziness.

- Precautionary statements

P101 If medical advice is needed, have product container or label at hand.
 P102 Keep out of reach of children.
 P103 Read label before use.
 P210 Keep away from heat/sparks/open flames/hot surfaces. No smoking.
 P240 Ground/bond container and receiving equipment.
 P241 Use explosion-proof electrical/ventilating/lighting equipment.
 P261 Avoid breathing dust/fume/gas/mist/vapors/spray.

- Precautionary statements

| | |
|----------------|--|
| P271 | Use only outdoors or in a well-ventilated area. |
| P280 | Wear protective gloves/eye protection/face protection. |
| P304+P340 | If inhaled: Remove person to fresh air and keep comfortable for breathing. |
| P305+P351+P338 | If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |
| P312 | Call a poison center/doctor if you feel unwell. |
| P370+P378 | In case of fire: Use sand, carbon dioxide or powder extinguisher to extinguish. |
| P403+P233 | Store in a well-ventilated place. Keep container tightly closed. |
| P405 | Store locked up. |
| P501 | When empty, rinse and recycle container according to local regulations. |

- Hazardous ingredients for labelling Isopropyl Alcohol

2.3 Other hazards

Results of PBT and vPvB assessment

Does not contain a PBT-/vPvB-substance at a concentration of $\geq 0.1\%$.

Endocrine disrupting properties

Does not contain an endocrine disruptor (ED) in a concentration of $\geq 0.1\%$.



SECTION 3: Composition/information on ingredients

3.1 Substances

Not relevant (mixture)

3.2 Mixtures

Description of the mixture

| Name of substance. | Identifier. | Wt%. | Classification acc. to GHS. | Pictograms. |
|--------------------|---------------------|------------|---|---|
| Isopropyl Alcohol. | CAS No. 67-63-0. | 50 - < 75. | Eye Irrit. 2 / H319. STOT SE 3 / H336. Flam. Liq. 2 / H225. |   |

Remarks

For full text of abbreviations: see SECTION 16

SECTION 4: First-aid measures

4.1 Description of first-aid measures

General notes

In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible). Take off immediately all contaminated clothing. In all cases of doubt, or when symptoms persist, seek medical advice.

Following inhalation

If breathing is irregular or stopped, immediately seek medical assistance and start first aid actions. Provide fresh air.

Following skin contact

Wash with plenty of soap and water.

Following eye contact

Rinse immediately carefully and thoroughly with eye shower or water. Remove contact lenses, if present and easy to do. Continue rinsing.

Following ingestion

Rinse mouth with water (only if the person is conscious). Do NOT induce vomiting.

4.2 Most important symptoms and effects, both acute and delayed

Narcotic effects.

4.3 Indication of any immediate medical attention and special treatment needed

none

SECTION 5: Fire-fighting measures

5.1 Extinguishing media

Suitable extinguishing media

Water, Foam, ABC-powder

Unsuitable extinguishing media

Water jet

5.2 Special hazards arising from the substance or mixture

Hazardous combustion products

Carbon monoxide (CO), Carbon dioxide (CO₂)

5.3 Advice for firefighters

In case of fire and/or explosion do not breathe fumes. Coordinate firefighting measures to the fire surroundings. Do not allow firefighting water to enter drains or water courses. Fight fire with normal precautions from a reasonable distance.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Remove persons to safety.

For emergency responders

Wear breathing apparatus if exposed to vapors/dust/aerosols/gases.

6.2 Environmental precautions

Dilute with plenty of water.

6.3 Methods and material for containment and cleaning up

Take up mechanically

Advice on how to clean up a spill

Take up mechanically. dilute with plenty of water

Other information relating to spills and releases

Place in appropriate containers for disposal. Ventilate affected area.

6.4 Reference to other sections

Hazardous combustion products: see section 5. Personal protective equipment: see section 8. Incompatible materials: see section 10. Disposal considerations: see section 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Recommendations

- Measures to prevent fire as well as aerosol and dust generation

Use local and general ventilation. Take precautionary measures against static discharge. Use only in well-ventilated areas. Ground/bond container and receiving equipment.

Advice on general occupational hygiene

Wash hands after use. Do not eat, drink and smoke in work areas. Remove contaminated clothing and protective equipment before entering eating areas. Never keep food or drink in the vicinity of chemicals. Never place chemicals in containers that are normally used for food or drink. Keep away from food, drink and animal feedingstuffs.

7.2 Conditions for safe storage, including any incompatibilities

Managing of associated risks

- Explosive atmospheres

Removal of dust deposits.

- Flammability hazards

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

Control of the effects

Protect against external exposure, such as frost

- Packaging compatibilities

Only packagings which are approved (e.g. acc. to the Dangerous Goods Regulations) may be used.

7.3 Specific end use(s)

See section 16 for a general overview.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limit values (Workplace Exposure Limits).

| Country. | Name of agent. | CAS No. | Identifier. | TWA [ppm]. | TWA [mg/m ³]. | STEL [ppm]. | STEL [mg/m ³]. | Ceiling-C [ppm]. | Ceiling-C [mg/m ³]. | Notation. | Source. |
|----------|--------------------|----------|-------------|-------------|---------------------------|-------------|----------------------------|------------------|---------------------------------|-----------|-------------------|
| US. | 2-Propanol. | 67-63-0. | TLV®. | 200. | | 400. | | | | | ACGIH® 2024. |
| US. | Isopropyl alcohol. | 67-63-0. | PEL (CA). | 400. | 980. | 500. | 1,225. | | | | Cal/OSHA PEL. |
| US. | Isopropyl alcohol. | 67-63-0. | REL. | 400 (10 h). | 980 (10 h). | 500. | 1,225. | | | | NIOSH REL. |
| US. | Isopropyl alcohol. | 67-63-0. | PEL. | 400. | 980. | | | | | | 29 CFR 1910.1000. |

Notation

Ceiling-C ceiling value is a limit value above which exposure should not occur

STEL short-term exposure limit: a limit value above which exposure should not occur and which is related to a 15-minute period (unless otherwise specified)

TWA time-weighted average (long-term exposure limit): measured or calculated in relation to a reference period of 8 hours time-weighted average (unless otherwise specified)

Biological limit values.

| Country. | Name of agent. | Parameter. | Notation. | Identifier. | Value. | Source. |
|----------|----------------|------------|-----------|-------------|----------|--------------|
| US. | 2-Propanol. | Acetone. | | BEI®. | 40 mg/l. | ACGIH® 2024. |

8.2 Exposure controls

Appropriate engineering controls

General ventilation.

Individual protection measures (personal protective equipment)

Eye/face protection

Wear eye/face protection.

Skin protection

- Hand protection

Wear protective gloves.

- Other protection measures

Take recovery periods for skin regeneration. Preventive skin protection (barrier creams/ointments) is recommended. Wash hands thoroughly after handling.

Respiratory protection

In case of inadequate ventilation wear respiratory protection.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance

| | |
|----------------|-----------------|
| Physical state | solid (fabrics) |
| Color | not determined |
| Odor | characteristic |

Other safety parameters

| | |
|---|---|
| pH (value) | not applicable |
| Melting point/freezing point | not determined |
| Initial boiling point and boiling range | 100 °C |
| Flash point | not applicable |
| Evaporation rate | Not determined |
| Flammability (solid, gas) | flammable solid in accordance with GHS criteria |
| Explosion limits of dust clouds | not determined |
| Vapor pressure | not determined |
| Density | not determined |
| Vapor density | this information is not available |
| Relative density | Information on this property is not available |
| Solubility(ies) | not determined |

Partition coefficient

| | |
|-----------------------------|-----------------------------------|
| - n-octanol/water (log KOW) | this information is not available |
| Auto-ignition temperature | not determined |
| Viscosity | not relevant (solid matter) |
| Explosive properties | none |
| Oxidizing properties | none |

SECTION 10: Stability and reactivity

10.1 Reactivity

Concerning incompatibility: see below "Conditions to avoid" and "Incompatible materials". The mixture contains reactive substance(s). Risk of ignition.

If heated:

Risk of ignition

10.2 Chemical stability

See below "Conditions to avoid".

10.3 Possibility of hazardous reactions

No known hazardous reactions.

10.4 Conditions to avoid

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

10.5 Incompatible materials

Oxidizers

10.6 Hazardous decomposition products

Reasonably anticipated hazardous decomposition products produced as a result of use, storage, spill and heating are not known. Hazardous combustion products: see section 5.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Test data are not available for the complete mixture.

Classification procedure

The method for classification of the mixture is based on ingredients of the mixture (additivity formula).

Classification acc. to OSHA "Hazard Communication Standard" (29 CFR 1910.1200)

Acute toxicity

Shall not be classified as acutely toxic.

Skin corrosion/irritation

Shall not be classified as corrosive/irritant to skin.

Serious eye damage/eye irritation

Causes serious eye irritation.

Respiratory or skin sensitization

Shall not be classified as a respiratory or skin sensitizer.

Germ cell mutagenicity

Shall not be classified as germ cell mutagenic.

Carcinogenicity

Shall not be classified as carcinogenic.

IARC Monographs on the Evaluation of Carcinogenic Risks to Humans.

| Name of substance. | CAS No. | Classification. | Number. |
|--------------------|----------|-----------------|---------|
| Isopropyl Alcohol. | 67-63-0. | 3. | |

Legend

3 Not classifiable as to carcinogenicity in humans

Reproductive toxicity

Shall not be classified as a reproductive toxicant.

Specific target organ toxicity - single exposure

May cause drowsiness or dizziness.

Specific target organ toxicity - repeated exposure

Shall not be classified as a specific target organ toxicant (repeated exposure).

Aspiration hazard

Shall not be classified as presenting an aspiration hazard.

SECTION 12: Ecological information

12.1 Toxicity

Shall not be classified as hazardous to the aquatic environment.

12.2 Persistence and degradability

Data are not available.

12.3 Bioaccumulative potential

Data are not available.

12.4 Mobility in soil

Data are not available.

12.5 Results of PBT and vPvB assessment

Does not contain a PBT-/vPvB-substance at a concentration of $\geq 0.1\%$.

12.6 Endocrine disrupting properties

Does not contain an endocrine disruptor (ED) in a concentration of $\geq 0.1\%$.

12.7 Other adverse effects

Data are not available.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Sewage disposal-relevant information

Dilute with plenty of water.

Waste treatment of containers/packages

Only packagings which are approved (e.g. acc. to DOT) may be used. Completely emptied packages can be recycled. Handle contaminated packages in the same way as the substance itself.

Remarks

Please consider the relevant national or regional provisions. Waste shall be separated into the categories that can be handled separately by the local or national waste management facilities.

SECTION 14: Transport information

14.1 UN number

| | |
|-----------|---------|
| DOT | UN 3175 |
| IMDG-Code | UN 3175 |
| ICAO-TI | UN 3175 |

14.2 UN proper shipping name

| | |
|-----------|--|
| DOT | Solids containing flammable liquid, n.o.s. |
| IMDG-Code | SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S. |
| ICAO-TI | Solids containing flammable liquid, n.o.s. |

14.3 Transport hazard class(es)

| | |
|-----------|-----|
| DOT | 4.1 |
| IMDG-Code | 4.1 |
| ICAO-TI | 4.1 |

14.4 Packing group

| | |
|-----------|----|
| DOT | II |
| IMDG-Code | II |
| ICAO-TI | II |

14.5 Environmental hazards

non-environmentally hazardous acc. to the dangerous goods regulations

14.6 Special precautions for user

There is no additional information.

14.7 Transport in bulk according to IMO instruments

The cargo is not intended to be carried in bulk.

Information for each of the UN Model Regulations

Transport of dangerous goods by road or rail (49 CFR US DOT) - Additional information

| | |
|--|---|
| Particulars in the shipper's declaration | UN3175, Solids containing flammable liquid, n.o.s., 4.1, II |
|--|---|

Danger label(s) 4.1



Special provisions (SP) 47, IB6, IP2, T3, TP33

ERG No 133

International Maritime Dangerous Goods Code (IMDG) - Additional information

Marine pollutant -

Danger label(s) 4.1



Special provisions (SP) 216, 274

Excepted quantities (EQ) E2

Limited quantities (LQ) 1 kg

EmS F-A, S-I

Stowage category B

International Civil Aviation Organization (ICAO-IATA/DGR) - Additional information

Danger label(s) 4.1



Special provisions (SP) A46

Excepted quantities (EQ) E2

Limited quantities (LQ) 5 kg

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations specific for the product in question

National regulations (United States)

Toxic Substance Control Act (TSCA)

all ingredients are listed (ACTIVE) or exempt from listing

Superfund Amendment and Reauthorization Act (SARA TITLE III)

- The List of Extremely Hazardous Substances and Their Threshold Planning Quantities (EPCRA Section 302, 304)

none of the ingredients are listed

- Specific Toxic Chemical Listings (EPCRA Section 313)

Toxics Release Inventory: Specific Toxic Chemical Listings.

Name of substance.

CAS No.

Remarks.

Effective date.

Isopropyl Alcohol.

67-63-0.

Only persons who manufacture by the strong acid process are subject, supplier notification not required.

1986-12-31.

Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA)

- List of Hazardous Substances and Reportable Quantities (CERCLA section 102a) (40 CFR 302.4)

none of the ingredients are listed

Clean Air Act

none of the ingredients are listed

Right to Know Hazardous Substance List

- Cleaning Product Right to Know Act Substance List (CA-RTK)

| Name of substance. | CAS No. | Functionality. | Authoritative Lists. |
|--------------------|----------|----------------|----------------------|
| Isopropyl Alcohol. | 67-63-0. | | OEHHA RELS. |

- Toxic or Hazardous Substance List (MA-TURA)

| Name of substance. | CAS No. | DEP CODE. | PBT / HHS / LHS. | PBT / HHS Threshold. | De Minimis Concentration Threshold. |
|--------------------|----------|-----------|------------------|----------------------|-------------------------------------|
| Isopropyl Alcohol. | 67-63-0. | | | | 1.0 %. |

- Hazardous Substances List (MN-ERTK)

| Name of substance. | CAS No. | References. | Remarks. |
|--------------------|----------|-------------|----------|
| Isopropyl Alcohol. | 67-63-0. | A, N, O. | |

Legend

- A American Conference of Governmental Industrial Hygienists (ACGIH), "Threshold Limit Values for Chemical Substances and Physical Agents and Biological Exposure Indices for 1992-93", available from ACGIH
- N National Institute for Occupational Safety and Health (NIOSH), "Recommendations for Occupational Safety and Health Standards," August 1988, available from NIOSH, Publications Dissemination Office, Division of Standards Development and Technology Transfer
- O Occupational Safety and Health Administration (OSHA), Safety and Health Standards, Code of Federal Regulations, title 29, part 1910, subpart Z, "Toxic and Hazardous Substances, 1990." General information: Minnesota Department of Labor and Industry, Occupational Safety and Health Division

- Hazardous Substance List (NJ-RTK)

| Name of substance. | CAS No. | Remarks. | Classifications. |
|--------------------|----------|----------|------------------|
| Isopropyl Alcohol. | 67-63-0. | | F3 |

Legend

- F3 Flammable - Third Degree

- Hazardous Substance List (Chapter 323) (PA-RTK)

| Name acc. to inventory. | CAS No. | Classification. |
|-------------------------|----------|-----------------|
| 2-PROPANOL. | 67-63-0. | E. |

Legend

- E Environmental hazard

- Hazardous Substance List (RI-RTK)

| Name of substance. | CAS No. | References. |
|--------------------|----------|-------------|
| Isopropyl Alcohol. | 67-63-0. | T, F. |

Legend

- F Flammability (NFPA®)
- T Toxicity (ACGIH®)

California Environmental Protection Agency (Cal/EPA): Proposition 65 - Safe Drinking Water and Toxic Enforcement Act of 1987

none of the ingredients are listed

Industry or sector specific available guidance(s)

NPCA-HMIS® III

Hazardous Materials Identification System. American Coatings Association.

| Category. | Rating. | Description. |
|----------------------|---------|---|
| Chronic. Health. | /. | None. |
| Flammability. | 2. | Temporary or minor injury may occur. |
| Physical hazard. | 3. | Material that can be ignited under almost all ambient temperature conditions. |
| Personal protection. | 0. | Material that is normally stable, even under fire conditions, and will not react with water, polymerize, decompose, condense, or self-react. Non-explosive. |
| | -. | |

NFPA® 704

National Fire Protection Association: Standard System for the Identification of the Hazards of Materials for Emergency Response (United States).

| Category. | Degree of hazard. | Description. |
|-----------------|-------------------|--|
| Flammability. | 3. | Material that can be ignited under almost all ambient temperature conditions. |
| Health. | 0. | Material that, under emergency conditions, would offer no hazard beyond that of ordinary combustible material. |
| Instability. | 0. | Material that is normally stable, even under fire conditions. |
| Special hazard. | | |

National inventories

| Country. | Inventory. | Status. |
|----------|------------|--------------------------------------|
| US. | TSCA. | All ingredients are listed (ACTIVE). |

Legend

TSCA Toxic Substance Control Act

15.2 Chemical Safety Assessment

Chemical safety assessments for substances in this mixture were not carried out.

SECTION 16: Other information, including date of preparation or last revision

Indication of changes (revised safety data sheet)

| Section. | Former entry (text/value). | Actual entry (text/value). | Safety-relevant. |
|----------|----------------------------|--|------------------|
| 2.2. | | - Precautionary statements: change in the listing (table). | Yes. |

Abbreviations and acronyms

| Abbr. | Descriptions of used abbreviations. |
|-------------------|--|
| 29 CFR 1910.1000. | 29 CFR 1910.1000, Tables Z-1, Z-2, Z-3 - Occupational Safety and Health Standards: Toxic and Hazardous Substances (permissible exposure limits). |
| 49 CFR US DOT. | 49 CFR U.S. Department of Transportation. |
| ACGIH®. | American Conference of Governmental Industrial Hygienists. |
| ACGIH® 2024. | From ACGIH®, 2024 TLVs® and BEIs® Book. Copyright 2024. Reprinted with permission. Information on the proper use of the TLVs® and BEIs®: http://www.acgih.org/tlv-bei-guidelines/policies-procedures-presentations/tlv-bei-position-statement . |
| Cal/OSHA PEL. | California Division of Occupational Safety and Health (Cal/OSHA): Permissible Exposure Limits (PELs). |
| CAS. | Chemical Abstracts Service (service that maintains the most comprehensive list of chemical substances). |
| Ceiling-C. | Ceiling value. |
| DEP CODE. | Department of Environmental Protection Code. |
| DGR. | Dangerous Goods Regulations (see IATA/DGR). |
| DOT. | Department of Transportation (USA). |
| ED. | Endocrine disruptor. |
| EmS. | Emergency Schedule. |
| ERG No. | Emergency Response Guidebook - Number. |
| Eye Dam. | Seriously damaging to the eye. |
| Eye Irrit. | Irritant to the eye. |
| Flam. Liq. | Flammable liquid. |
| GHS. | "Globally Harmonized System of Classification and Labelling of Chemicals" developed by the United Nations. |
| HHS. | Higher hazard substance. |
| IARC. | International Agency for Research on Cancer. |
| IATA. | International Air Transport Association. |
| IATA/DGR. | Dangerous Goods Regulations (DGR) for the air transport (IATA). |
| ICAO. | International Civil Aviation Organization. |
| ICAO-TI. | Technical instructions for the safe transport of dangerous goods by air. |
| IMDG. | International Maritime Dangerous Goods Code. |
| IMDG-Code. | International Maritime Dangerous Goods Code. |
| LHS. | Lower hazard substance. |
| NFPA®. | National Fire Protection Association (United States). |
| NIOSH REL. | National Institute for Occupational Safety and Health (NIOSH): Recommended Exposure Limits (RELs). |
| NPCA-HMIS® III. | National Paint and Coatings Association: Hazardous Materials Identification System - HMIS® III, Third Edition. |

| | |
|----------|--|
| Abbr. | Descriptions of used abbreviations. |
| OSHA. | Occupational Safety and Health Administration (United States). |
| PBT. | Persistent, Bioaccumulative and Toxic. |
| PEL. | Permissible exposure limit. |
| Ppm. | Parts per million. |
| RTECS. | Registry of Toxic Effects of Chemical Substances (database of NIOSH with toxicological information). |
| STEL. | Short-term exposure limit. |
| STOT SE. | Specific target organ toxicity - single exposure. |
| TLV®. | Threshold Limit Values. |
| TWA. | Time-weighted average. |
| VPvB. | Very Persistent and very Bioaccumulative. |

Key literature references and sources for data

OSHA Hazard Communication Standard (HCS), 29 CFR 1910.1200.

Transport of dangerous goods by road or rail (49 CFR US DOT). International Maritime Dangerous Goods Code (IMDG). Dangerous Goods Regulations (DGR) for the air transport (IATA).

Classification procedure

Physical and chemical properties: The classification is based on tested mixture.

Health hazards, Environmental hazards: The method for classification of the mixture is based on ingredients of the mixture (additivity formula).

List of relevant phrases (code and full text as stated in section 2 and 3)

| Code. | Text. |
|-------|------------------------------------|
| H225. | Highly flammable liquid and vapor. |
| H228. | Flammable solid. |
| H319. | Causes serious eye irritation. |
| H336. | May cause drowsiness or dizziness. |

Disclaimer

This information is based upon the present state of our knowledge. This SDS has been compiled and is solely intended for this product. Date of compilation. 2025-08-11.