

SAFETY DATA SHEET

PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Medi-Pak™ Performance Plus I.V. Start Kit with Tegaderm™ Dressing & ChloraPrep® One-Step SEPP®

MFR #: 25-5818

DISTRIBUTED BY: McKesson Medical-Surgical Inc.

9954 Mayland Drive, Suite 4000 Richmond, Virginia 23233

INFORMATION LINE: 1-800-777-4908

Monday - Friday 8:00 a.m. - 6:00 p.m. EST

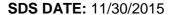
EMERGENCY PHONE: 1-800-451-8346 (3E Company)

Day or night

PRODUCT DESCRIPTION: N/A

1 of 2 SDS — 3M[™] Tegaderm[™] Transparent Dressing 2 of 2 SDS — CareFusion ChloraPrep® Solutions

DISCLAIMER: This information relates onto to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. The information and recommendations contained herein are to the best of the manufacturer's knowledge and belief accurate and reliable as of the date indicated. No representation warranty or guarantee, however, is made with regards to accuracy, reliability or completeness. Conditions of use of the material are under the control of the user; therefore, it is the user's responsibility to satisfy itself as to the suitability and completeness of such information for its own particular use. Appropriate warnings and safe-handling procedures should be provided to handlers and users.





SECTION 1: Identification

1 of 2 SDS - 3M[™] Tegaderm[™] Transparent Dressing

1.1. Product identifier

3MTM TegadermTM Transparent Dressing 1610, 1614, 1616, 1620, 1621,1622W,1623W,1624W, 1626W, 1626, 1627, 1628, 1629, 1630, H1624,1624WNS, H1626,1626W DTS,1634,1650,1655,9505,9506,9505W,9506W,400,401,1633,1635, 16011,16013, 91123, 91124, 91125

Product Identification Numbers

70-2007-4927-6

1.2. Recommended use and restrictions on use

Recommended use

I.V. secural and wound management.

1.3. Supplier's details

Address: 3M South Africa (Pty) Ltd, Private Bag X926, Rivonia 2128

Telephone: 011 806 2000 **E Mail:** Not available. **Website:** www.3m.co.za

1.4. Emergency telephone number

011 806 2000

SECTION 2: Hazard identification

2.1. Classification of the substance or mixture

This product is considered to be an article and is exempt from GHS classification.

2.2. Label elements

Signal word

Symbols



Pictograms

2.3. Other hazards

None known.

SECTION 3: Composition/information on ingredients

This material is a mixture.

| Ingredient | CAS Nbr | % by Wt |
|---|--------------|---------|
| Silicone coated paper liner | Unknown | 5 - 65 |
| Polyethylene-cellulose silicone carrier liner | Unknown | 0 - 35 |
| Acrylate polymer | Trade Secret | 5 - 25 |
| Isocyanic acid, methylene-p-phenylene | Mixture | 5 - 15 |
| ester, polymer with 1,4-butanediol and | | |
| tetramethylene glycol | | |
| Polyester Backing | Unknown | 0 - 10 |
| Rayon backing | Unknown | 0 - 10 |
| Polyethylene film | Unknown | 0 - 1 |

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation

No need for first aid is anticipated.

Skin contact

No need for first aid is anticipated.

Eye contact

No need for first aid is anticipated.

If swallowed

Rinse mouth. If you feel unwell, get medical attention.

4.2. Most important symptoms and effects, both acute and delayed

See Section 11.1 Information on toxicological effects

4.3. Indication of any immediate medical attention and special treatment required

Not applicable

SECTION 5: Fire-fighting measures

5.1. Suitable extinguishing media

In case of fire: Use a fire fighting agent suitable for ordinary combustible material such as water or foam to extinguish.

5.2. Special hazards arising from the substance or mixture

None inherent in this product.

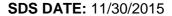
Hazardous Decomposition or By-Products

Substance

Carbon monoxide. Carbon dioxide.

Condition

During combustion. During combustion.





5.3. Special protective actions for fire-fighters

No unusual fire or explosion hazards are anticipated.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Not applicable.

6.2. Environmental precautions

Not applicable.

6.3. Methods and material for containment and cleaning up

Not applicable.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

This product is considered to be an article which does not release or otherwise result in exposure to a hazardous chemical under normal use conditions.

7.2. Conditions for safe storage including any incompatibilities

Not applicable.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limits

No occupational exposure limit values exist for any of the components listed in Section 3 of this Safety Data Sheet.

8.2. Exposure controls

8.2.1. Engineering controls

Not applicable.

8.2.2. Personal protective equipment (PPE)

Eye/face protection

Eye protection not required.

Skin/hand protection

No chemical protective gloves are required.

Respiratory protection

Respiratory protection is not required.

SECTION 9: Physical and chemical properties



9.1. Information on basic physical and chemical properties

Physical state Solid

Appearance/Odour Transparent film contained by 2 paper liners.

Not applicable.

Odour threshold Not applicable. Ηα Not applicable. Melting point/Freezing point No data available. Boiling point/Initial boiling point/Boiling range Not applicable. Flash point Not applicable. **Evaporation rate** Not applicable. Not classified Flammability (solid, gas) Flammable Limits(LEL) Not applicable. Flammable Limits(UEL) Not applicable. Vapour pressure Not applicable. Vapour density Not applicable. Vapour density Not applicable. **Density** Not applicable.

Water solubility Nil

Solubility- non-water *Not applicable.*

Partition coefficient: n-octanol/waterNo data available.Autoignition temperatureNo data available.Decomposition temperatureNot applicable.ViscosityNot applicable.Volatile organic compounds (VOC)No data available.VOC less H2O & exempt solventsNo data available.

SECTION 10: Stability and reactivity

10.1 Reactivity

This material is considered to be non reactive under normal use conditions

10.2 Chemical stability

Relative density

Stable.

10.3 Possibility of hazardous reactions

Hazardous polymerisation will not occur.

10.4 Conditions to avoid

None known.

10.5 Incompatible materials

None known.

10.6 Hazardous decomposition products

<u>Substance</u> <u>Condition</u>

None known.

Refer to section 5.2 for hazardous decomposition products during combustion.

Under recommended usage conditions, hazardous decomposition products are not expected. Hazardous decomposition





products may occur as a result of oxidation, heating, or reaction with another material.

SECTION 11: Toxicological information

The information below may not be consistent with the material classification in Section 2 if specific ingredient classifications are mandated by a competent authority. In addition, toxicological data on ingredients may not be reflected in the material classification and/or the signs and symptoms of exposure, because an ingredient may be present below the threshold for labelling, an ingredient may not be available for exposure, or the data may not be relevant to the material as a whole.

11.1 Information on Toxicological effects

Signs and Symptoms of Exposure

Based on test data and/or information on the components, this material may produce the following health effects:

Inhalation

No health effects are expected.

Skin contact

No health effects are expected. Contact with the skin during product use is not expected to result in significant irritation.

Eve contact

No health effects are expected. Contact with the eyes during product use is not expected to result in significant irritation.

Ingestion

Physical Blockage: Signs/symptoms may include cramping, abdominal pain, and constipation.

Additional information:

This product, when used under reasonable conditions and in accordance with the 3M directions for use, should not present a health hazard. However, use or processing of the product in a manner not in accordance with the product's directions for use may affect the performance of the product and may present potential health and safety hazards.

Toxicological Data

If a component is disclosed in section 3 but does not appear in a table below, either no data are available for that endpoint or the data are not sufficient for classification.

Acute Toxicity

| <u> </u> | | | |
|-----------------|-----------|---------|--|
| Name | Route | Species | Value |
| Overall product | Ingestion | | No data available; calculated ATE >5,000 mg/kg |

ATE = acute toxicity estimate

Skin Corrosion/Irritation

| Name | Species | Value |
|-----------------|---------|---------------------------|
| Overall product | Human | No significant irritation |

Serious Eye Damage/Irritation

| Name | Species | Value |
|------|---------|-------|
| | | |

Skin Sensitisation

| Name | Species | Value |
|-----------------|---------|-----------------|
| Overall product | Guinea | Not sensitizing |
| | pig | |

Respiratory Sensitisation



| | | | | | Species | Value | | |
|--|--|-------------------------------|-------|-------|---------|-----------------|-------------|----------------------|
| Germ Cell Muta | agenicity | | | | | | | |
| Name | igementy | | | | Route | Value | | |
| rane | | | | | Route | varue | | |
| | | | | | | | | |
| Carcinogenicity | | | | | | | | |
| Name | | | | Route | Species | Value | | |
| | | | | | ı | • | | |
| Reproductive To | oxicity | | | | | | | |
| | ., | | | | | | | |
| | nd/or Developme | | | | | | | T = |
| Name | | Route | Value | e | | Species | Test result | Exposure Duration |
| | | | | | | | | Duration |
| | | | | | | _ | | |
| | Organ Toxicity - | single exposu Target Organ | | Value | | Species | Test result | Exposure Duration |
| Specific Target (| Organ Toxicity - | | | Value | | Species | Test result | |
| Name | Organ Toxicity - Route | Target Organ | (s) | | | Species | Test result | |
| Specific Target (Name | Organ Toxicity - | Target Organ | osure | | | | Test result | Duration |
| Specific Target (Name | Organ Toxicity - Route Organ Toxicity - | Target Organ | osure | | | Species Species | | |
| Specific Target (Name Specific Target (| Organ Toxicity - Route Organ Toxicity - | Target Organ | osure | | | | | Duration Exposure |
| Specific Target (Name Specific Target (| Organ Toxicity - Route Organ Toxicity - | Target Organ | osure | | | | | Duration Exposure |
| Specific Target (Name Specific Target (| Organ Toxicity - Route Organ Toxicity - Route | Target Organ | osure | | | | | Duration Exposure |

Please contact the address or phone number listed on the first page of the SDS for additional toxicological information on this material and/or its components.

SECTION 12: Ecological information

The information below may not be consistent with the material classification in Section 2 if specific ingredient classifications are mandated by a competent authority. Additional information leading to material classification in Section 2 is available upon request. In addition, environmental fate and effects data on ingredients may not be reflected in this section because an ingredient is present below the threshold for labelling, an ingredient is not expected to be available for exposure, or the data is considered not relevant to the material as a whole.

12.1. Toxicity

Acute aquatic hazard:

Not acutely toxic to aquatic life by GHS criteria.

Chronic aquatic hazard:

Not chronically toxic to aquatic life by GHS criteria.

No product test data available.

No component test data available.

12.2. Persistence and degradability

No test data available.



12.3: Bioaccumulative potential

No test data available.

12.4. Mobility in soil

Please contact manufacturer for more details

12.5 Other adverse effects

No information available.

SECTION 13: Disposal considerations

13.1. Disposal methods

Product must only be disposed of by an authorized/permitted waste disposal contractor or incinerated in an industrial or commercial facility in the presence of a combustible material.

SECTION 14: Transport Information

Compliance is required to South African Transport Information Road Traffic Act & Regulations and Railroad regulations, IATA Standards for airfreight and Maritime standards for ocean freight.

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Global inventory status

Contact 3M for more information.

SECTION 16: Other information

Revision information:

No revision information is available.

DISCLAIMER: The information on this Safety Data Sheet is based on our experience and is correct to the best of our knowledge at the date of publication, but we do not accept any liability for any loss, damage or injury resulting from its use (except as required by law). The information may not be valid for any use not referred to in this Data Sheet or use of the product in combination with other materials. For these reasons, it is important that customers carry out their own test to satisfy themselves as to the suitability of the product for their own intended applications.

3M South Africa SDSs are available at www.3m.co.za



Safety Data Sheet

SDS DATE: 11/30/2015

SECTION 1: Identification of the substance/mixture and of the company/undertaking

2 of 2 SDS – CareFusion ChloraPrep® Solutions

Product identifier

: ChloraPrep® Solutions Product name

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

Use of the substance/mixture : Antimicrobial

Details of the supplier of the safety data sheet

CareFusion 75 N. Fairway Drive Vernon Hills, IL 60061

T 800-523-0502 - F 855-329-6985

1.4. **Emergency telephone number**

Emergency number : Chemtrec 1 800 424 9300

SECTION 2: Hazards identification

Classification of the substance or mixture 2.1.

GHS-US classification

Flam. Liq. 2 H225 Eye Irrit. 2A H319 STOT SE 3 H336 STOT SE 3 H335

2.2. Label elements

GHS-US labelling

Hazard pictograms (GHS-US)



GHS07

Signal word (GHS-US) : Danger

Hazard statements (GHS-US) : H225 - Highly flammable liquid and vapor

H319 - Causes serious eye irritation H335 - May cause respiratory irritation H336 - May cause drowsiness or dizziness

Precautionary statements (GHS-US) P210 - Keep away from heat/sparks/open flames/hot surfaces. - No smoking

P233 - Keep container tightly closed

P240 - Ground/bond container and receiving equipment

P241 - Use explosion-proof electrical/ventilating/lighting/... equipment

P242 - Use only non-sparking tools

P243 - Take precautionary measures against static discharge P261 - Avoid breathing dust/fume/gas/mist/vapors/spray

P264 - Wash ... thoroughly after handling

P271 - Use only outdoors or in a well-ventilated area

P280 - Wear protective gloves/protective clothing/eye protection/face protection

P303+P361+P353 - IF ON SKIN (or hair): Remove/Take off immediately all contaminated

clothing. Rinse skin with water/shower

P304+P340 - IF INHALED: remove victim to fresh air and keep at rest in a position 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/physician if you feel unwell P337+P313 - If eve irritation persists: Get medical advice/attention

P370+P378 - In case of fire: Use ... for extinction

P403+P233 - Store in a well-ventilated place. Keep container tightly closed

P403+P235 - Store in a well-ventilated place. Keep cool

P405 - Store locked up

P501 - Dispose of contents/container to ...



2.3. Other hazards

No additional information available

2.4. Unknown acute toxicity (GHS-US)

No data available

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

Full text of H-phrases: see section 16

3.2. Mixture

ChloraPrep® Clear

| Name | Product identifier | % | GHS-US classification |
|---------------------------|---------------------|----|---------------------------|
| Isopropyl alcohol | (CAS No) 67-63-0 | 70 | Flam. Liq. 2, H225 |
| Chlorhexidine digluconate | (CAS No) 18472-51-0 | 2 | Acute Tox. 4 (Oral), H302 |

ChloraPrep® Teal Green

| Name | Product identifier | % | GHS-US classification |
|---------------------------|---------------------|---------|---------------------------|
| Isopropyl alcohol | (CAS No) 67-63-0 | 70 | Flam. Liq. 2, H225 |
| Chlorhexidine digluconate | (CAS No) 18472-51-0 | 2 | Acute Tox. 4 (Oral), H302 |
| C.I. Food Green 3 | (CAS No) 2353-45-9 | 0 - 0.1 | Muta. 2, H341 |

ChloraPrep® Hi-Lite Orange

| Name | Product identifier | % | GHS-US classification |
|---------------------------|---------------------|---------|---------------------------------------|
| Isopropyl alcohol | (CAS No) 67-63-0 | 70 | Flam. Lig. 2. H225 |
| Chlorhexidine digluconate | () | 70 | Acute Tox. 4 (Oral), H302 |
| ŭ | (CAS No) 18472-51-0 | 2 0.04 | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ |
| FD and C Yellow No. 6 | (CAS No) 2783-94-0 | 0 - 0.1 | Not classified |

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures after inhalation

- : If symptoms of exposure develop, move to fresh air. Seek medical attention if symptoms persist.
- First-aid measures after skin contact
- : Wash material off the skin with copious amounts of water. If redness or a burning sensation develops, seek medical attention and discontinue use.
- First-aid measures after eye contact
- : Flush with copious amounts of water. After initial flushing remove any contact lenses and continue flushing for at least 15minutes. Have eyes examined and treated by medical personnel immediately.
- First-aid measures after ingestion
- : Give individual one to two glasses of water to drink. If gastrointestinal symptoms develop, consult medical personnel. (Never give anything by mouth to an unconscious person).

4.2. Most important symptoms and effects, both acute and delayed

Symptoms/injuries after inhalation

: Inhalation of vapors may cause mucous membrane and respiratory irritation and central nervous system depression with symptoms of headache, dizziness and drowsiness.

Symptoms/injuries after skin contact

: May cause irritation, drying, defatting of the skin. Prolonged contact may cause dermatitis.

Symptoms/injuries after eye contact

- : Contact may cause severe irritation with redness, tearing and pain with possible eye damage.
- Symptoms/injuries after ingestion
- Ingestion may cause mucous membrane and gastrointestinal irritation, abdominal pain, nausea,
- vomiting, dizziness and drowsiness.

4.3. Indication of any immediate medical attention and special treatment needed

No additional information available

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

: Water fog, alcohol-resistant foam, carbon dioxide or dry chemical. Water spray can be used to cool exposed containers and structures, dilute spills and disperse flammable vapors.

Unsuitable extinguishing media : None.

5.2. Special hazards arising from the substance or mixture

Fire hazard

: Highly flammable liquid and vapor. Ampoules may explode if exposed to extreme heat or flame. Vapors are heavier than air and will travel along surfaces to remote ignition sources and flash back.

: None known.

Explosion hazard



5.3. Advice for firefighters

Protection during firefighting

: Firefighters should wear positive pressure self-contained breathing apparatus and full protective

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergencyprocedures

General measures : No special measures required.

6.1.1. For non-emergency personnel

No additional information available

6.1.2. For emergency responders

No additional information available

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

For containment : Stop the flow of material, if this is without risk.

Methods for cleaning up : Wear skin, eye and respiratory protection during cleanup. For small spills, wipe or mop up and

rinse to sewer serviced by a wastewater treatment facility. For large spills, eliminate sources of ignition and ventilate spill area. Soak up liquid with inert absorbent and collect into a suitable waste container. Wash residue from spill area with water and flush to sewer serviced by a

wastewater treatment facility if permitted.

6.4. Reference to other sections

No additional information available

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling

: Avoid prolonged exposure (ingestion, inhalation, or skin contact). Avoid breathing vapors. Use in well-ventilated areas. Keep product away from heat, sparks and flames.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions

Store in a cool, dry, well-ventilated area away from incompatible chemicals and all sources of ignition.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

| Isopropyl alcohol (67-63-0) | | |
|-----------------------------|------------------------|-----------|
| USA ACGIH | ACGIH TWA (ppm) | 200 ppm |
| USA ACGIH | ACGIH STEL (ppm) | 400 ppm |
| USA OSHA | OSHA PEL (TWA) (mg/m³) | 980 mg/m³ |
| USA OSHA | OSHA PEL (TWA) (ppm) | 400 ppm |

8.2. Exposure controls

Eye protection

Appropriate engineering controls : Use with adequate general or local exhaust ventilation to maintain exposures below the

occupational exposure limits. Use explosion proof equipment where required.

Hand protection : Latex rubber for limited contact. Butyl rubber or nitrile recommended for prolonged contact.

: Safety glasses or goggles recommended if eye contact is possible.

Skin and body protection : Wear suitable working clothes.

Respiratory protection : If the exposure limits are exceeded a NIOSH/EN approved organic vapor respirator appropriate

for the form and concentration of the contaminants should be used.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Liquic

Appearance : Clear in product; when activated, clear orange, teal



Color : Clear, orange, or teal

Odor : Odorless

Odor threshold : No data available

pH : 7 - 7.5

Relative evaporation rate (butylacetate=1) : No data available
Melting point : No data available
Freezing point : No data available
Boiling point : No data available

Flash point : $67 \, ^{\circ}\text{F}$ Self ignition temperature : 2 - 12.7

Decomposition temperature : No data available Flammability (solid, gas) : No data available Vapor pressure : No data available Relative vapor density at 20 °C : No data available

Specific gravity : 0.88

Solubility : Water: Complete Log Pow : No data available Log Kow : No data available Viscosity, kinematic No data available Viscosity, dynamic : No data available : No data available Explosive properties Oxidizing properties : No data available **Explosive limits** : No data available

9.2. Other information

VOC content : 100 %

SECTION 10: Stability and reactivity

10.1. Reactivity

No additional information available

10.2. Chemical stability

The product is stable at normal handling and storage conditions.

10.3. Possibility of hazardous reactions

Will not occur.

10.4. Conditions to avoid

Extreme heat, sparks or flame.

10.5. Incompatible materials

Oxidizing materials

10.6. Hazardous decomposition products

Carbon dioxide, carbon monoxide, nitrogen oxides, ammonia, chlorine compounds.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity : Not classified

| Isopropyl alcohol (67-63-0) | |
|-----------------------------|--------------------------------|
| LD50 oral rat | 4396 mg/kg |
| LD50 dermal rabbit | 12800 mg/kg |
| LC50 inhalation rat (ppm) | 16000 ppm (Exposure time: 8 h) |

| Chlorhexidine digluconate (1847) | 2-51-0) | |
|----------------------------------|------------------|--|
| ATE (oral) | 500.000 mg/kg | |
| Skin corrosion/irritation | : Not classified | |



Serious eye damage/irritation : Causes serious eye irritation.

Respiratory or skin sensitisation : Not classified
Germ cell mutagenicity : Not classified
Carcinogenicity : Not classified

Isopropyl alcohol (67-63-0)

IARC group 3 - Not classifiable

C.I. Food Green 3 (2353-45-9)

IARC group 3 - Not classifiable

FD and C Yellow No. 6 (2783-94-0)

IARC group 3 - Not classifiable

Reproductive toxicity : Not classified

Specific target organ toxicity (single exposure) : May cause drowsiness or dizziness. May cause respiratory irritation.

Specific target organ toxicity (repeated

exposure)

: Not classified

Aspiration hazard : Not classified

SECTION 12: Ecological information

12.1. Toxicity

| Isopropyl alcohol (67-63-0) | | |
|--------------------------------|---|--|
| LC50 fishes 1 | 9640 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through]) | |
| EC50 Daphnia 1 | 13299 mg/l (Exposure time: 48 h - Species: Daphnia magna) | |
| EC50 other aquatic organisms 1 | > 1000 mg/l (Exposure time: 96 h - Species: Desmodesmus subspicatus) | |
| LC50 fish 2 | 11130 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static]) | |
| EC50 other aquatic organisms 2 | > 1000 mg/l (Exposure time: 72 h - Species: Desmodesmus subspicatus) | |

12.2. Persistence and degradability

No additional information available

12.3. Bioaccumulative potential

| Isopropyl alcohol (67-63-0) | |
|-----------------------------|-----------------|
| Log Pow | 0.05 (at 25 °C) |

12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste disposal recommendations : Dispose of contents/container in accordance with local/regional/national/international regulations.

SECTION 14: Transport information

In accordance with DOT

Transport document description : UN1219 Isopropanol Solution, 3, II

UN-No.(DOT) : 1219 DOT NA no. : UN1219

DOT Proper Shipping Name : Isopropanol Solution

Department of Transportation (DOT) Hazard

Classes

: 3 - Class 3 - Flammable and combustible liquid 49 CFR 173.120





Hazard labels (DOT) : 3 - Flammable liquid



Packing group (DOT) : II - Medium Danger

DOT Special Provisions (49 CFR 172.102) : IB2 - Authorized IBCs: Metal (31A, 31B and 31N); Rigid plastics (31H1 and 31H2); Composite

(31HZ1). Additional Requirement: Only liquids with a vapor pressure less than or equal to 110 kPa at 50 C (1.1 bar at 122 F), or 130 kPa at 55 C (1.3 bar at 131 F) are authorized.

T4 - 2.65 178.274(d)(2) Normal...... 178.275(d)(3)

TP1 - The maximum degree of filling must not exceed the degree of filling determined by the following: Degree of filling = 97 / (1 + a (tr - tf)) Where: tr is the maximum mean bulk temperature

during transport, and tf is the temperature in degrees celsius of the liquid during filling.

DOT Packaging Exceptions (49 CFR 173.xxx) : 4b;150
DOT Packaging Non Bulk (49 CFR 173.xxx) : 202
DOT Packaging Bulk (49 CFR 173.xxx) : 242
DOT Quantity Limitations Passenger aircraft/rail : 5 L
(49 CFR 173.27)

DOT Quantity Limitations Cargo aircraft only (49 : 60 L

CFR 175.75)

DOT Vessel Stowage Location : B - (i) The material may be stowed "on deck" or "under deck" on a cargo vessel and on a

passenger vessel carrying a number of passengers limited to not more than the larger of 25 passengers, or one passenger per each 3 m of overall vessel length; and (ii) "On deck only" on passenger vessels in which the number of passengers specified in paragraph (k)(2)(i) of this

section is exceeded.

SECTION 15: Regulatory information

15.1. US Federal regulations

| Isopropyl alcohol (67-63-0) | | |
|---|--|--|
| Listed on the United States TSCA (Toxic Substances Control Act) inventory Listed on SARA Section 313 (Specific toxic chemical listings) | | |
| EPA TSCA Regulatory Flag | T - T - indicates a substance that is the subject of a Section 4 test rule under TSCA. | |
| SARA Section 313 - Emission Reporting | 1.0 % (only if manufactured by the strong acid process, no supplier notification) | |

C.I. Food Green 3 (2353-45-9)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

Chlorhexidine digluconate (18472-51-0)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

FD and C Yellow No. 6 (2783-94-0)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

15.2. US State regulations

Isopropyl alcohol (67-63-0)

U.S. - Massachusetts - Right To Know List

U.S. - Minnesota - Hazardous Substance List

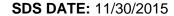
U.S. - New Jersey - Right to Know Hazardous Substance List

U.S. - Pennsylvania - RTK (Right to Know) List

SECTION 16: Other information

Full text of H-phrases:

| Acute Tox. 4 (Oral) | Acute toxicity (oral), Category 4 |
|---------------------|---|
| Eye Irrit. 2A | Serious eye damage/eye irritation, Category 2A |
| Flam. Liq. 2 | Flammable liquids, Category 2 |
| Muta. 2 | Germ cell mutagenicity, Category 2 |
| STOT SE 3 | Specific target organ toxicity — Single exposure, Category 3, Narcosis |





| STOT SE 3 | Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation |
|-----------|--|
| H225 | Highly flammable liquid and vapor |
| H302 | Harmful if swallowed |
| H319 | Causes serious eye irritation |
| H335 | May cause respiratory irritation |
| H336 | May cause drowsiness or dizziness |
| H341 | Suspected of causing genetic defects |

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product