Safety Data Sheet

according to Federal Register / Vol. 89, No. 98 / Monday, May 20, 2024 / Rules and Regulations SDS Reference Number: CSSS-TCO-010-167876 Issue date: 7/24/2025 Revision date: 7/24/2025 Version: 1.0

SECTION 1 Identification

1.1. Product identifier

Product form Mixture

Product name **REMOVE WIPES BOX OF 50**

Product code : 403100

1.2. Other means of identification

No additional information available

1.3. Recommended use of the chemical and restrictions on use

: Topical adhesive remover, Medical devices

Restrictions on use : Not available

1.4. Supplier's details

Smith & Nephew Medical Ltd

101 Hessle Road Hull HU3 2BN United Kingdom

T +44 (0)1482 225181

1.5. Emergency phone number

: 911 (24 Hours) **Emergency number**

1-800-424-9300 (Chemtrec 24 Hours)

SECTION 2 Hazard Identification

2.1. Classification of the substance or mixture

GHS US classification

Flammable liquid, Category 3 H226 Flammable liquid and vapor.

Aspiration hazard, Category 1 H304 May be fatal if swallowed and enters airways.

Full text of H statements : see section 16

2.2. Label elements

GHS US labeling

Hazard pictograms (GHS US)





Signal word (GHS US) Danger

Hazard statements (GHS US) H226 - Flammable liquid and vapor

H304 - May be fatal if swallowed and enters airways

Precautionary statements (GHS US) : P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No

smoking.

P233 - Keep container tightly closed.

P240 - Ground/Bond container and receiving equipment.

P241 - Use explosion-proof equipment.

P242 - Use non-sparking tools.

P243 - Take action to prevent static discharges.

P280 - Wear protective gloves, protective clothing, eye protection, face protection, and hearing

protection.

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P301+P310 - If swallowed: Immediately call a poison center or doctor.

P303+P361+P353 - If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

P331 - Do NOT induce vomiting.

P370+P378 - In case of fire: Use carbon dioxide (CO2), dry extinguishing powder, foam to extinguish

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

P405 - Store locked up.

P501 - Dispose of contents and/or container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulations.

2.3. Hazards associated with known or reasonably anticipated uses

No additional information available

2.4. Hazards not otherwise classified

No additional information available

2.5. Unknown acute toxicity

No additional information available

SECTION 3 Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	GHS US classification
Dipropylene glycol methyl ether	CAS-No.: 34590-94-8	Confidential	Not classified
Alkanes, (C=9-12)-iso-	CAS-No.: 90622-57-4		Flam. Liq. 3, H226 Asp. Tox. 1, H304
Benzyl alcohol	CAS-No.: 100-51-6	Confidential	Acute Tox. 4 (Oral), H302 Eye Irrit. 2A, H319 Skin Sens. 1B, H317

Full text of hazard classes and H-statements : see section 16

SECTION 4 First aid measures

First-aid measures after eye contact

4.1. Description of necessary first-aid measures

First-aid measures general : Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

First-aid measures after inhalation : Not expected to present a significant raspiratory hazard under anticipated conditions of normal use. Call a poison centre or doctor if you feel unwell.

First-aid measures after skin contact : Not expected to present a significant skin hazard under anticipated conditions of normal use. In case of skin irritation, stop using the product.

: Rinse immediately and thoroughly, pulling the eyelids well away from the eye (15 minutes minimum). Remove contact lenses, if present and easy to do. Continue rinsing. If irritation

anything to drink. Do not induce vomiting. Call a physician immediately.

persists, consult a doctor.

First-aid measures after ingestion : If the person is fully conscious, make him/her drink water. Never give an unconscious person

Personal protection for first-aid responders. : First aid workers will be equipped with suitable personal protective equipment.

reisonal protection for inst-aid responders.

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4.2. Most important symptoms/effects, acute and delayed

Symptoms/effects after inhalation : None under normal conditions. Symptoms/effects after skin contact : None under normal conditions. Symptoms/effects after eye contact : None under normal conditions.

Symptoms/effects after ingestion : Risk of lung edema.

4.3. Indication of immediate medical attention and special treatment needed, if necessary

Other medical advice or treatment : Treat symptomatically.

SECTION 5: Fire-fighting measures

5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media : Water spray. Dry powder. Foam. Carbon dioxide.

Unsuitable extinguishing media : Do not use a water jet since it may cause the fire to spread.

5.2. Specific hazards arising from the chemical

Fire hazard : Flammable liquid and vapor.
Explosion hazard : No direct explosion hazard.
Hazardous decomposition products in case of fire : Toxic fumes may be released.

5.3. Special protective equipment and precautions for fire-fighters

Firefighting instructions : Fight fire from safe distance and protected location. Do not enter fire area without proper

protective equipment, including respiratory protection.

Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing

apparatus. Complete protective clothing.

SECTION 6 Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : Stop leak if safe to do so. Notify authorities if product enters sewers or public waters. Absorb

spillage to prevent material-damage.

For non-emergency personnel

Protective equipment : Wear recommended personal protective equipment.

Emergency procedures : Ventilate spillage area. No open flames, no sparks, and no smoking. Take off contaminated

clothing and wash before reuse.

For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer

to section 8: "Exposure controls/personal protection".

Emergency procedures : Evacuate unnecessary personnel. Stop leak if safe to do so.

Environmental precautions : Avoid release to the environment.

6.2. Methods and materials for containment and cleaning up

For containment : Absorb spilled material with sand or earth. Contain any spills with dikes or absorbents to prevent

migration and entry into sewers or streams. Stop leak, if possible without risk.

Methods for cleaning up : Take up liquid spill into absorbent material. Wipe up with absorbent material (for example cloth).

Other information : Dispose of materials or solid residues at an authorized site.

For further information refer to section 13

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SECTION 7 Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Ensure good ventilation of the work station. Keep away from heat, hot surfaces, sparks, open

flames and other ignition sources. No smoking. Ground/bond container and receiving equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Flammable

vapors may accumulate in the container.

Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after handling the

product.

Additional hazards when processed : Not expected to present a significant hazard under anticipated conditions of normal use.

7.2. Conditions for safe storage, including incompatibilities

Technical measures : Ground/bond container and receiving equipment.

Storage conditions : Store in a dry place. Store in a well-ventilated place. Keep cool. Keep container tightly closed.

Store locked up.

Storage temperature : ≤ 25 °C

Packaging materials : Store always product in container of same material as original container.

Product is a saturated towelette, impregnated with a solvent based solution and packaged in

single foil units (wipe packets).

SECTION 8 Exposure controls/personal protection

8.1. Control parameters

Dipropylene glycol methyl ether (34590-94-8)		
USA - ACGIH - Occupational Exposure Limits		
Local name	(2-Methoxymethylethoxy)propanol	
ACGIH® TLV® TWA	50 ppm	
Remark (ACGIH)	TLV® Basis: Liver & CNS eff	
Regulatory reference	ACGIH 2025	
USA - OSHA - Occupational Exposure Limits		
Local name	Dipropylene glycol methyl ether	
OSHA PEL TWA	600 mg/m³	
	100 ppm	
Regulatory reference (US-OSHA)	OSHA Annotated Table Z-1	
USA - Cal/OSHA - Occupational Exposure Limits		
Local name	Dipropylene glycol methyl ether	
Cal/OSHA PEL (OEL TWA)	600 mg/m³	
	100 ppm	
Cal/OSHA STEL	900 mg/m³	
	150 ppm	
Remark (Cal/OSHA)	S - Skin notation and Protecting Clothing	
Regulatory reference	California Division of Occupational Safety and Health (Cal/OSHA) - Permissible Exposure Limit for Chemical Contaminants (Table AC-1)	

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Dipropylene glycol methyl ether (34590-94-8)	
USA - NIOSH - Occupational Exposure Limits	
Local name Dipropylene glycol methyl ether	
NIOSH REL 10h TWA	100 ppm
NIOSH REL STEL	150 ppm
Regulatory reference (US-NIOSH)	OSHA Annotated Table Z-1 (NIOSH Pocket Guide to Chemical Hazards (NPG))

8.2. Appropriate engineering controls

Appropriate engineering controls : Ensure good ventilation of the work station.

Environmental exposure controls : Avoid release to the environment.

8.3. Individual protection measures, such as personal protective equipment

Personal protective equipment:

Not required if used under normal conditions as per device manual.

Hand protection:

Protective gloves

Eye protection:

Safety glasses

Skin and body protection:

Wear suitable protective clothing

Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment

Personal protective equipment symbol(s):







SECTION 9 Physical and chemical properties

9.1. Basic physical and chemical properties

Physical state: LiquidAppearance: Liquid.Color: ColorlessOdor: Slight Paraffinic

Odor threshold N/A N/A Melting point N/A Freezing point N/A Boiling point : N/A Flash point : N/A Relative evaporation rate (butyl acetate=1) : N/A Flammability (solid, gas) : N/A Vapor pressure : N/A Relative vapor density at 20°C : N/A Relative density : N/A

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Solubility : soluble in water.

Partition coefficient n-octanol/water (Log Pow) : No data available

Auto-ignition temperature : No data available

Decomposition temperature : No data available

Viscosity, kinematic : No data available

Particle characteristics : No data available

SECTION 10 Stability and reactivity

10.1. Reactivity

Flammable liquid and vapor.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

Incompatible materials. Avoid contact with hot surfaces. Heat. No flames, no sparks. Eliminate all sources of ignition.

10.5. Incompatible materials

Strong acids, strong bases and oxidation agents.

10.6. Hazardous decomposition products

On burning: release of toxic gases/vapors.

SECTION 11 Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral) : No data available
Acute toxicity (dermal) : No data available
Acute toxicity (inhalation) : No data available

Dipropylene glycol methyl ether (34590-94-8)	
LD50 oral rat	> 5000 mg/kg
LD50 dermal rabbit	9510 mg/kg

Skin corrosion/irritation : No data available

Serious eye damage/irritation : No data available

Respiratory or skin sensitization : No data available Germ cell mutagenicity : No data available

Carcinogenicity : No data available

REMOVE WIPES BOX OF 50	
IARC group	Not applicable
National Toxicity Program (NTP) Status	Not applicable

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Reproductive toxicity : No data available STOT-single exposure : No data available STOT-repeated exposure : No data available

Aspiration hazard : May be fatal if swallowed and enters airways.

Symptoms/effects after inhalation : None under normal conditions. Symptoms/effects after skin contact : None under normal conditions. Symptoms/effects after eye contact : None under normal conditions.

Symptoms/effects after ingestion : Risk of lung edema.

SECTION 12 Ecological information

12.1. Ecotoxicity

Ecology - general : The product is not considered harmful to aquatic organisms or to cause long-term adverse

effects in the environment.

Hazardous to the aquatic environment, short-term

(acute

No data available

Hazardous to the aquatic environment, long-term

(chronic)

: No data available

Dipropylene glycol methyl ether (34590-94-8)	
LC50 96h - Fish [1]	> 1000 mg/l
LC50 48h - Crustacea [1]	1919 mg/l
EC50 72h - Algae [1]	> 969 mg/l
NOEC chronic algae	969 mg/l

12.2. Persistence and degradability

No additional information available

12.3. Bioaccumulative potential

No additional information available

12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

Ozone : No data available

Fluorinated greenhouse gases : No

SECTION 13 Disposal considerations

Regional waste regulation : Disposal must be done according to official regulations.

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.

Sewage disposal recommendations : Disposal must be done according to official regulations. Product/Packaging disposal recommendations : Disposal must be done according to official regulations.

Additional information : Flammable vapors may accumulate in the container. Do not re-use empty containers.

SECTION 14 Transport information

In accordance with DOT / TDG / IMDG / IATA

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14.1. UN number

 UN-No. (DOT)
 : UN3175

 UN-No. (TDG)
 : UN3175

 UN-No. (IMDG)
 : 3175

 UN-No. (IATA)
 : 3175

14.2. UN Proper Shipping Name

Proper Shipping Name (DOT) : Solids containing flammable liquid, n.o.s. (Alkanes, C9-12-iso-)

Proper Shipping Name (TDG) : SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S. (Alkanes, C9-12-iso-)
Proper Shipping Name (IMDG) : SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S. (Alkanes, C9-12-iso-)

Proper Shipping Name (IATA) : Solids containing flammable liquid, n.o.s. (Alkanes, C9-12-iso-)

14.3. Transport hazard class(es)

DOT

Transport hazard class(es) (DOT) : 4.1 Hazard labels (DOT) : 4.1



TDG

Transport hazard class(es) (TDG) : 4.1 Hazard labels (TDG) : 4.1



IMDG

Transport hazard class(es) (IMDG) : 4.1 Hazard labels (IMDG) : 4.1



IATA

Transport hazard class(es) (IATA) : 4.1 Hazard labels (IATA) : 4.1



14.4. Packing group

Packing group (DOT) : II
Packing group (TDG) : II
Packing group (IMDG) : II
Packing group (IATA) : II

14.5. Environmental hazards

Other information : No supplementary information available.

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14.6. Transport in bulk

Not applicable

14.7. Special precautions for user

DOT

UN-No. (DOT) : UN3175

DOT Special Provisions (49 CFR 172.102)

47 - Mixtures of solids that are not subject to this subchapter and flammable liquids may be transported under this entry without first applying the classification criteria of Division 4.1, provided there is no free liquid visible at the time the material is loaded or at the time the packaging or transport unit is closed. Except when the liquids are fully absorbed in solid material contained in sealed bags, each packaging must correspond to a design type that has passed a leakproofness test at the Packing Group II level. Small inner packaging consisting of sealed packets containing less than 10 mL of a Class 3 liquid in Packing Group II or III absorbed into a solid material are not subject to this subchapter provided there is no free liquid in the packet. IB6 - Authorized IBCs: Metal (11A, 11B, 11N, 21A, 21B, 21N, 31A, 31B and 31N); Rigid plastics (11H1, 11H2, 21H1, 21H2, 31H1 and 31H2); Composite (11HZ1, 11HZ2, 21HZ1, 21HZ2, 31HZ1 and 31HZ2). Additional Requirement: Composite IBCs 11HZ2 and 21HZ2 may not be used when the hazardous materials being transported may become liquid during transport. IP2 - When IBCs other than metal or rigid plastics IBCs are used, they must be offered for transportation in a closed freight container or a closed transport vehicle.

T3 - 2.65 178.274(d)(2) Normal..... 178.275(d)(2)

TP33 - The portable tank instruction assigned for this substance applies for granular and powdered solids and for solids which are filled and discharged at temperatures above their melting point which are cooled and transported as a solid mass. Solid substances transported or offered for transport above their melting point are authorized for transportation in portable tanks conforming to the provisions of portable tank instruction T4 for solid substances of packing group III or T7 for solid substances of packing group II, unless a tank with more stringent requirements for minimum shell thickness, maximum allowable working pressure, pressure-relief devices or bottom outlets are assigned in which case the more stringent tank instruction and special provisions shall apply. Filling limits must be in accordance with portable tank special provision TP3. Solids meeting the definition of an elevated temperature material must be transported in accordance with the applicable requirements of this subchapter.

DOT Packaging Exceptions (49 CFR 173.xxx) : 151
DOT Packaging Non Bulk (49 CFR 173.xxx) : 212
DOT Packaging Bulk (49 CFR 173.xxx) : 240
DOT Quantity Limitations Passenger aircraft/rail (49 : 15 kg

CFR 173.27)

DOT Quantity Limitations Cargo aircraft only (49 : 50 kg

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.

TDG

UN-No. (TDG) : UN3175

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TDG Special Provisions

- : 16 (1) The technical name of at least one of the most dangerous substances that predominantly contributes to the danger or dangers posed by the dangerous goods must be shown, in parentheses, on the shipping document following the shipping name in accordance with clause 3.5(1)(c)(ii)(A). The technical name must also be shown, in parentheses, on a small means of containment or on a tag following the shipping name in accordance with subsections 4.11(2) and (3).
 - (2) Despite subsection (1), the technical name for the following dangerous goods is not required to be shown on a shipping document or on a small means of containment when Canadian law for domestic transport or an international convention for international transport prohibits the disclosure of the technical name:
- (a) UN1544, ALKALOID SALTS, SOLID, N.O.S. or ALKALOIDS, SOLID, N.O.S;
- (b) UN1851, MEDICINE, LIQUID, TOXIC, N.O.S;
- (c) UN3140, ALKALOID SALTS, LIQUID, N.O.S. or ALKALOIDS, LIQUID, N.O.S;
- (d) UN3248, MEDICINE, LIQUID, FLAMMABLE, TOXIC, N.O.S; or
- (e) UN3249, MEDICINE, SOLID, TOXIC, N.O.S.
- (3) Despite subsection (1), the technical name for the following dangerous goods is not required to be shown on a small means of containment:
- (a) UN2814, INFECTIOUS SUBSTANCE, AFFECTING HUMANS; or
- (b) UN2900, INFECTIOUS SUBSTANCE, AFFECTING ANIMALS,56 (1) When solids that are not dangerous goods, and liquids included in Class 3, Flammable Liquids, are in a mixture, the mixture may be handled, offered for transport or transported under this shipping name without the tests and criteria for including substances in Class 4.1, Flammable Solids, first being applied to them, if
- (a) there is no visible liquid at the time the mixture is loaded into a means of containment or at the time the means of containment is closed; and
- (b) each means of containment is leakproof.
- (2) These Regulations, except for Part 1 (Coming into Force, Repeal, Interpretation, General Provisions and Special Cases) and Part 2 (Classification), do not apply to a sealed packet or article containing less than 10 mL of dangerous goods included in Class 3, Flammable Liquids, packing group II or III, if there is no free liquid in the packet or article.

Explosive Limit and Limited Quantity Index

Excepted quantities (TDG)
Passenger Carrying Road Vehicle or Passenger

Carrying Railway Vehicle Index

Emergency Response Guide (ERG) Number : 133

IMDG

Special provision (IMDG) : 216, 274 Limited quantities (IMDG) : 1 kg Excepted quantities (IMDG) : E2 Packing instructions (IMDG) : P002 Packing provisions (IMDG) : PP9 IBC packing instructions (IMDG) : IBC06 IBC special provisions (IMDG) B21 Tank instructions (IMDG) T3, BK2 Tank special provisions (IMDG)

EmS-No. (Fire) : F-A - FIRE SCHEDULE Alfa - GENERAL FIRE SCHEDULE

1 kg

: 15 kg

: E2

EmS-No. (Spillage) : S-I - SPILLAGE SCHEDULE India - FLAMMABLE SOLIDS (REPACKING POSSIBLE)

Stowage category (IMDG) : I

Properties and observations (IMDG) : Mixtures of non-dangerous solids (such as soil, sand, production materials etc.) and flammable

liquids.

IATA

Special provision (IATA) : A46
PCA Excepted quantities (IATA) : E2
PCA Limited quantities (IATA) : Y441
PCA limited quantity max net quantity (IATA) : 5kg
PCA packing instructions (IATA) : 445

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PCA max net quantity (IATA) : 15kg
CAO packing instructions (IATA) : 448
CAO max net quantity (IATA) : 50kg
ERG code (IATA) : 3L

SECTION 15 Regulatory information

15.1. Federal regulations

REMOVE WIPES BOX OF 50	
	Physical hazard - Flammable (gases, aerosols, liquids, or solids) Health hazard - Aspiration hazard

Commercial status of components according to the United States Environmental Protection Agency's Toxic Substances Control Act (TSCA):

Name	CAS-No.	Listing	Commercial status	Flags
Alkanes, (C=9-12)-iso-	90622-57-4	Not present	-	
Dipropylene glycol methyl ether	34590-94-8	Present	Active	
Benzyl alcohol	100-51-6	Present	Active	

15.2. International regulations

CANADA

Alkanes, (C=9-12)-iso- (90622-57-4)

Listed on the Canadian DSL (Domestic Substances List)

Dipropylene glycol methyl ether (34590-94-8)

Listed on the Canadian DSL (Domestic Substances List)

Benzyl alcohol (100-51-6)

Listed on the Canadian DSL (Domestic Substances List)

EU-Regulations

No additional information available

National regulations

Alkanes, (C=9-12)-iso- (90622-57-4)

Listed on INSQ (Mexican National Inventory of Chemical Substances)

Dipropylene glycol methyl ether (34590-94-8)

Listed on INSQ (Mexican National Inventory of Chemical Substances)

Benzyl alcohol (100-51-6)

Listed on INSQ (Mexican National Inventory of Chemical Substances)

15.3. State regulations

No additional information available

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SECTION 16 Other information

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Full text of hazard classes and H-statements		
H226	Flammable liquid and vapor	
H302	Harmful if swallowed	
H304	May be fatal if swallowed and enters airways	
H317	May cause an allergic skin reaction	
H319	Causes serious eye irritation	

Safety Data Sheet (SDS), USA

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.