

Material Safety Data Sheet

Version: .0 Revision Date : 00/00/0000
Date Issued : 12/09/2009

STOKO REFRESH SAN. WIPES

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Trade name : STOKO REFRESH SAN. WIPES
 PRODUCT CODE : 306684
 CHEMICAL FAMILY : Denatured Alcohol

Information on manufacturer/supplier : Evonik Stockhausen Inc.
 2401 Doyle Street
 Greensboro, NC 27406

Emergency telephone number (24h) : Telephone:
 CHEMTREC (800) 424-9300
 CANUTEC (613) 996-6666
 Non-Emergency Phone Number: +18002422271

2. COMPOSITION/INFORMATION ON INGREDIENTS

Components	CAS-No.	Concentration [%]
Phenol, 2,6-bis(1,1-dimethylethyl)-4-methyl-	128-37-0	< 0.0002
2-Propanol	67-63-0	5 - 10
Ethanol	64-17-5	30 - 70
1,2,3-Propanetriol	56-81-5	< 5
Ethanol, 2-(2-butoxyethoxy)-	112-34-5	< 0.0001

3. HAZARDS IDENTIFICATION

Emergency Overview

Physical Appearance

Form : Liquid on inert carrier material
 Colour : White
 Odour : Alcohol
 pH : 7

Potential health effects

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Ingestion : Call a physician immediately.
Do not induce vomiting due to aspiration hazard. If vomiting occurs, lower head below knees to avoid aspiration. Seek immediate medical attention.

Inhalation : Move to fresh air. If breathing is difficult, administer oxygen and call a physician.

5. FIRE-FIGHTING MEASURES

Flash point : 68 °F

Suitable extinguishing media : Foam, carbon dioxide, dry chemical, and water spray

Products in case of fire : Burning may cause carbon dioxide and carbon monoxide. Combustion gases of organic material generally are considered to be toxic if inhaled.

Further information : Firefighters should wear a self-contained positive pressure breathing apparatus. Wear protective clothing appropriate to the surrounding fire. Cool drum with water spray. Avoid flushing to sewer or stream. Avoid breathing smoke and vapors.

Special protective equipment for fire-fighters : As in any fire, wear self-contained breathing apparatus pressure-demand, (MSHA/NIOSH approved or equivalent) and full protective gear.

Hazardous decomposition products : Possibly carbon monoxide, carbon dioxide and organic acids. Acrolein

OSHA flammable class : Flammable Liquid, Class IB

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6. ACCIDENTAL RELEASE MEASURES

Methods for cleaning up / taking up : Small spills :
Eliminate all ignition sources including internal combustion engines and power tools. Ventilate area. Keep people away. Do not allow to enter drains or waterways. Control spills with absorbent pads or booms if necessary. Apply granular or loose sorbent to spill. When absorbed, sweep or otherwise collect and dispose of properly.

Release Notes :

US regulations require reporting spills of this material that could reach any surface waters

In case of accident or road spill notify :

Telephone:

CHEMTREC USA	(800) 424-9300
CANUTEC Canada	(613) 996-6666
CHEMTREC (other countries)	(International code)+1-202-483-7616

7. HANDLING AND STORAGE

General Procedures Handling

Advice on safe handling : Open and handle container with care. Keep away from sources of ignition- no smoking. Take precautionary measures against electrostatic loading. Cool endangered containers by water spray. Use only in well ventilated areas.

Advice on protection against fire and explosion : Vapors are heavier than air. Vapors may settle in low or confined areas, or travel long distances along the ground or surface to an ignition source where they may ignite, flashback, or explode. Keep away from sources of ignition - No Smoking. Cool endangered containers by water spray.

Storage

Requirements for storage areas and containers : Keep container tightly closed and dry in a cool, well-ventilated place. Do not store in direct sunlight. Avoid static discharges; keep away from sources of ignition; use grounding equipment.

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Further information : Avoid breathing vapor. Avoid contact with eyes, skin and clothing. Keep container closed. Use with adequate ventilation. Wash skin thoroughly with soap and water after handling.

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8. EXPOSURE CONTROLS / PERSONAL PROTECTION

OSHA hazardous components (29 CFR 1910.1200)

Components	CAS-No.	Base	Type	Value	Note
Phenol, 2,6-bis(1,1-dimethylethyl)-4-methyl-	128-37-0	US. ACGIH Threshold Limit Values	Time Weighted Average (TWA):	2 mg/m3	
1,2,3-Propanetriol	56-81-5	US. ACGIH Threshold Limit Values	Time Weighted Average (TWA):	10 mg/m3	
2-Propanol	67-63-0	US. ACGIH Threshold Limit Values	Time Weighted Average (TWA):	200 ppm	
2-Propanol	67-63-0	US. ACGIH Threshold Limit Values	Short Term Exposure Limit (STEL):	400 ppm	
2-Propanol	67-63-0	US. ACGIH Threshold Limit Values	Time Weighted Average (TWA):	200 ppm	
2-Propanol	67-63-0	US. ACGIH Threshold Limit Values	Short Term Exposure Limit (STEL):	400 ppm	
Ethanol	64-17-5	US. ACGIH Threshold Limit Values	Time Weighted Average (TWA):	1,000 ppm	
1,2,3-Propanetriol	56-81-5	US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)	PEL:	5 mg/m3	
1,2,3-Propanetriol	56-81-5	US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)	PEL:	15 mg/m3	
2-Propanol	67-63-0	US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)	PEL:	400 ppm 980 mg/m3	
Ethanol	64-17-5	US. OSHA Table Z-1 Limits for Air	PEL:	1,000 ppm	

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		Contaminants (29 CFR 1910.1000)	1,900 mg/m ³
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Personal protective equipment

- General protective measures : Do not inhale dust
Do not inhale mist
Avoid contact with eyes and skin
- Respiratory protection : A NIOSH/MSHA Jointly approved respirator is advised in the absence of proper environmental controls.
- Hand protection : Neoprene or nitrile gloves are recommended for use.
- Eye protection : Full face shield/chemical splash goggles. Do not wear contact lenses when working with this product.
- Protective clothing : Protective clothing should be worn, if skin contact or contamination of clothing is likely. Provide safety shower and eyewash in work area.
rubber boots
rubber apron
- Engineering controls : Both local exhaust and mechanical (general) are recommended.
Avoid raising dust.

9. PHYSICAL AND CHEMICAL PROPERTIES

- Form : Liquid on inert carrier material
Colour : White
Odour : Alcohol
pH : 7

10. STABILITY AND REACTIVITY

- Conditions to avoid : Keep away from all sources of ignition.
Keep away from heat, sparks, and open flame.
Reactions with acids, strong oxidizing agents and halogenated compounds.

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Hazardous reactions : Reactions with acids, alkalis and oxidizing agents.
Reactions with sulphuric acid.
Reactions with halogenated compounds.

Stability : Yes

Hazardous decomposition products : Possibly carbon monoxide, carbon dioxide and organic acids.
Acrolein

Materials to avoid : Oxidizing agents and strong acids.

11. TOXICOLOGICAL INFORMATION

Note : This product has not been tested. The toxicological properties are not known.

12. ECOLOGICAL INFORMATION

Further ecological information

Ecological notes : Do not allow to enter drains or waterways. Do not discharge into the soil/subsoil.

13. DISPOSAL CONSIDERATIONS

Dispose of in accordance with local, state, and federal regulations.

Product disposal and disposal requirements : Dispose of in accordance with local, state, and federal regulations.

14. TRANSPORT INFORMATION

Sea transport

IMDG:
Class : 3
UN-No : 1993
PG : II
MFAG :
EmS : F-E S-E

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Proper shipping name : FLAMMABLE LIQUID, N.O.S.
Hazard release : Ethanol Isopropanol
Label : 3

Air transport

ICAO/IATA:

Class : 3
UN-No : 1993
PG : II
Proper shipping name : Flammable liquid, n.o.s.
Hazard release : Ethanol Isopropanol
Label : 3

DOT (Department of Transportation)

CFR Road:

Class : 3
UN-No : 1993
PG : II
Proper shipping name : Flammable liquids, n.o.s.
Correct technical name : Ethanol Isopropanol
Label : 3

CFR Rail:

Class : 3
UN-No : 1993
PG : II
Proper shipping name : Flammable liquids, n.o.s.
Correct technical name : Ethanol Isopropanol
Label : 3

CANADA Transport of Dangerous goods

TDG Road:

Class : 3
UN-No : 1993
PG : II
Proper shipping name : FLAMMABLE LIQUID, N.O.S.
Correct technical name : Ethanol Isopropanol
Label : 3

TDG Rail:

Class : 3
UN-No : 1993
PG : II
Proper shipping name : FLAMMABLE LIQUID, N.O.S.
Correct technical name : Ethanol Isopropanol

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Label : 3

15. REGULATORY INFORMATION

United States

SARA Section 311/312 : Fire: Yes
Pressure generating: No
Reactivity: No
Acute: Yes
Chronic: Yes

SARA Sections : SECTION 313
Notification : Yes

Components	CAS-No.
2-Propanol	67-63-0
Ethanol, 2-(2-butoxyethoxy)-	112-34-5

Notification Status : TSCA
Notification : Yes
All intentional ingredients are listed in the TSCA Inventory or comply with TSCA Polymer Exemption criteria per 40 CFR 723.

State regulations : MASS. RIGHT TO KNOW
Notification : Yes

RHODE ISLAND RTK
Notification : Yes

NEW JERSEY RTK
Notification : Yes

PENNSYLVANIA RTK
Notification : Yes

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California Proposition 65 Statement : Notification : No
This product does not contain any substance(s) which are defined by the state of California to cause cancer, birth defects, or other reproductive effects.

CERCLA : CAS 67-63-0 :
CERCLA : CAS 64-17-5 :

Canada : WHMIS CLASSIFICATION
Class B, Division 2, Flammable Liquid
Class D, Division 2, Subdivision B

This product contains component(s) that are listed on the WHMIS Ingredient Disclosure List.

Components	CAS-No.
Phenol, 2,6-bis(1,1-dimethylethyl)-4-methyl-	128-37-0
2-Propanol	67-63-0
Ethanol, 2-(2-butoxyethoxy)-	112-34-5
Ethanol	64-17-5

Notification Status : Canadian Environmental Protection Act
DSL
Notification : Yes
All intentional ingredients are listed on the DSL (Domestic Substance List) or have been notified pursuant to the NSN regulations.

16. OTHER INFORMATION

HMIS Codes : Fire : 3
Health : 2
Physical Hazard : 0
Protection : X

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Other information :

Small quantities can be shipped in the U.S. under ORM-D Commodity. Refer to DOT regulations for quantity limits.

Manufacturer disclaimer : While the information and recommendations contained herein are believed to be accurate, we make no warranty with respect hereto and disclaim all liability from reliance thereon