

INSTANT HAND SANITIZER, STOKO GEL, 2000ML, SOFT BO

Product: JA180
Revision Date: 2012/10/24

Section 1: PRODUCT INFORMATION

Chemical family: Mixture.

Product uses: Hand sanitizer.

Product name: Stoko Gel Instant Hand Sanitizer

Manufacturer: Stockhausen Inc
2401 Doyle Street
Greensboro, N.C.
27406 USA.

Manufacturer emergency phone number: Chemtrec 800-424-9300 (24h).
703-527-3887.

Information phone number: 800-242-2271

Supplier: Same as manufacturer.

TDG classification: CONSUMER COMMODITY, ORM-D.

WHMIS classification:

B2, D2A, D2B.



DSL status: Appears on DSL.

Supplier MSDS date: 2012/10/24.

Section 2: HAZARDOUS INGREDIENTS

C.A.S.	CONCENTRATION %	Ingredient Name	TLV	LD50	LC50
64-17-5	60-64	ETHYL ALCOHOL	1000 PPM	7060 MG/KG RAT ORAL 3450 MG/KG MOUSE ORAL 6300 MG/KG RABBIT ORAL	20,000 PPM/10H RAT INHALATION 39,000 MG/M3/4H MOUSE INHALATION
67-63-0	1-5	2-PROPANOL	200 PPM	5000 MG/KG RAT ORAL 3600 MG/KG MOUSE ORAL 6410 MG/KG RABBIT ORAL 12,800 MG/KG RABBIT DERMAL	53,000 MG/M3 MOUSE INHALATION 72,600 MG/M3 RAT INHALATION 16,000 PPM/8H RAT INHALATION

Section 2A: ADDITIONAL INGREDIENT INFORMATION

Note: (supplier).

CAS# 64-17-5: LD50 1501 mg/kg rat oral.

CAS# 67-63-0: LD50 4396 mg/kg rat oral.

CAS# 67-63-0: LC50 72.6 mg/l/4H rat inhalation.

CAS# 67-63-0: LD50 12800 mg/kg rat dermal.

CAS# 64-17-5: LC50 124.7 mg/L/4H rat inhalation.

*: Percentage by weight not reported.

Section 3: PHYSICAL DATA

Physical state: Semi-solid.

Appearance & odor: Perfumed odor.
Gel
Clear, colourless.

Odor threshold (ppm): Not available.

Vapour pressure (mmHg): (ethanol).
40

Vapour density (air=1): 1.6

Volatiles (%)

By volume: Not available.

**Evaporation rate
(butyl acetate = 1):** Not available.

Boiling point (°C): (ethanol).
78°C

Freezing point (°C): Not available.

pH: 6.8–8.1.

Specific gravity @ 20 °C: 0.9 g/cc³

Solubility in water (%): Not available.

Coefficient of water\oil dist.: Not available.

VOC: Not available.

Section 4: FIRE & EXPLOSION DATA

Flammability: Flammable.

Conditions of flammability: Heat, sparks and open flames.

Extinguishing media: Carbon dioxide, dry chemical, foam.
Water fog.

Special procedures: Self-contained breathing apparatus required.
Firefighters should wear the usual protective gear.

Auto-ignition temperature (°C): Not available.

Flash point (°C), method: PMCC
20°C

**Lower flammability
limit (% vol):** 3.3

**Upper flammability
limit (% vol):** 19

Explosion Data

Sensitivity to static discharge: Not available.

Sensitivity to mechanical impact: Not available.

Hazardous combustion products: Oxides of carbon (CO, CO₂).

Explosive power: Moderate explosion hazard when exposed to heat or flames.

Section 5: REACTIVITY DATA

Chemical stability: Stable under normal conditions.

Conditions of instability: None known.

Hazardous polymerization: Will not occur.

Incompatible substances: Acids
Hydrogen peroxide (H₂O₂).
Oxidizers.
Chlorine bleach.
Silver.
Platinum (Pt).

Hazardous decomposition products: See hazardous combustion products.

Section 6: TOXICOLOGICAL PROPERTIES

Route of entry: Skin contact, eye contact, inhalation and ingestion.

Effects of acute exposure

Eye contact: Irritant.
May cause injury.

Skin contact: No adverse effects expected.

Inhalation: May cause headache.
Irritant of the respiratory tract.
May affect the central nervous system.
May cause nose and throat irritation.

Ingestion: May be harmful if swallowed.

Effects of chronic exposure: May cause liver damage.

LD50 of product, species & route: Not available for mixture, see the ingredients section.

LC50 of product, species & route: Not available for mixture, see the ingredients section.

Exposure limit of material: Not available for mixture, see the ingredients section.

Carcinogenic effects: Not listed as a carcinogen.

Reproductive effects: Not available.

Teratogenicity: May cause birth defects.

Mutagenicity: Not available.

Synergistic materials: Not available.

Section 7: PREVENTATIVE MEASURES

Precautionary Measures

Gloves/Type: Protective gloves for sensitive skin.

Respiratory/Type: Wear a NIOSH approved respirator if TLV is exceeded.

Eye/Type: Safety glasses or goggles.

Footwear/Type: Safety shoes per local regulations.

Clothing/Type: Normal work clothes.

Other/Type: Eye wash facility should be in close proximity.
Emergency shower should be in close proximity.

Ventilation requirements: None required.

Leak/Spill: Eliminate all sources of ignition.
Contain the spill.
Absorb with inert material.
Put in appropriate container for disposal.
Wear appropriate protective equipment.
Flush small amounts to drain.

Waste disposal: Dispose of all waste in accordance with Local, State, and Federal regulations.

Handling procedures and equipment: Avoid breathing vapors/mists.
Use adequate ventilation.
Wear personal protective equipment appropriate to task.
Wash thoroughly after handling.
Avoid contact with eyes.
Launder contaminated clothing prior to reuse.
Do not ingest.

Storage requirements: Store away from incompatible materials.
Keep out of direct sunlight.
Keep away from ignition sources.
Keep away from excess heat.

TDG classification: CONSUMER COMMODITY, ORM-D.

Special shipping information: See transportation information.

Section 8: FIRST AID MEASURES

Skin contact: No first aid should be needed.

Eye contact: Flush with water for at least 15 minutes.
Seek medical attention if irritation persists.

Inhalation: Remove victim to fresh air.
If irritation occurs, consult a physician.

Ingestion: Seek medical attention.
Never give anything by mouth to an unconscious person.

Additional information: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any inaccuracies.

Section 9: ADDITIONAL INFORMATION

General note: This material safety data sheet was prepared from information obtained from various sources, including product suppliers and the Canadian Center for Occupational Health and Safety.

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