

# 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, CO<sub>2</sub>).

**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 (H<sub>2</sub>O<sub>2</sub>).  
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.

**LD<sub>50</sub> of product, species & route:** Not available for mixture, see the ingredients section.

**LC<sub>50</sub> 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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