

**SAFETY DATA SHEET- Extra Neutral Alcohol Ethanol 96,5%**

# SUKI SPIRITS PVT LTD

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

Date issued 26.11.2013

**1.1. Product identifier**

Product name Ethanol 96,5%  
Chemical name Ethyl alcohol  
Synonyms methyl carbinol  
REACH Reg No. 01-2119457610-43-0000  
CAS no. 64-17-5  
EC no. 200-578-6  
Index no. 603-002-00-5  
Article no. 12110000

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

Use of the substance/preparation For the preparation of paints and as a solvent. Disinfectant. Antiseptic.  
Antifreeze liquid. General purpose cleaner.

**1.3. Details of the supplier of the safety data sheet**

Company name Suki Spirits Pvt Ltd  
Office address 1/22 Asaf Ali Road, 2<sup>nd</sup> Floor, New Delhi 110002 India  
Postal address 1/22 Asaf Ali Road, 2<sup>nd</sup> Floor  
Postcode 110002  
City New Delhii  
Country INDIA  
Tel +919873173503  
Fax/Mob +919873173503  
E-mail karan@sukispirits.com  
Website www.sukispirits.com

**1.4. Emergency telephone number**

Emergency telephone +919873173503

**SECTION 2: Hazards identification****2.1. Classification of substance or mixture**

Classification according to 67/548/EEC or 1999/45/EC F; R11  
Classification according to Regulation (EC) No 1272/2008 [CLP/GHS] Flam. Liq. 2; H225;

**2.2. Label elements****Hazard Pictograms (CLP)**

Signal word

Danger

Precautionary statements	<p>P210 Keep away from heat/sparks/open flames/hot surfaces. No smoking.</p> <p>P233 Keep container tightly closed.</p> <p>P240 Ground/bond container and receiving equipment.</p> <p>P241 Use explosion-proof electrical/ventilating/lighting//equipment.</p> <p>P242 Use only non-sparking tools.</p> <p>P243 Take precautionary measures against static discharge.</p> <p>P280 Wear protective gloves/protective clothing/eye protection/face protection.</p> <p>P303 + P361 + P353 IF ON SKIN (or hair): Remove/Take off immediately all Contaminated clothing. Rinse skin with water/shower.</p> <p>P370 + P378 In case of fire: Use for extinction.</p> <p>P403 + P235 Store in a well-ventilated place. Keep cool.</p> <p>P501 Dispose of contents/container to</p>
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### 2.3. Other hazards

Other hazards	Not known.
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## SECTION 3: Composition/information on

### ingredients 3.1. Substances

Substance	Identification	Classification	Contents
Ethanol	<p>CAS no.: 64-17-5</p> <p>EC no.: 200-578-6</p> <p>Index no.: 603-002-00-5</p> <p>Synonyms: Ethanol</p>	<p>F; R11</p> <p>Flam. Liq. 2; H225</p>	96,5%
Column headings	<p>CAS no. = Chemical Abstracts Service; EU (Einecs or Elincs number) = European inventory of Existing Commercial Chemical Substances; Ingredient name = Name as specified in the substance list (substances that are not included in the substance list must be translated, if possible). Contents given in; %, %wt/wt, %vol/wt, %vol/vol, mg/m3, ppb, ppm, weight%, vol%</p>		
HH/HF/HE	<p>T+ = Very toxic, T = Toxic, C = Corrosive, Xn = Harmful, Xi = Irritating, E = Explosive, O = Oxidizing, F+ = Extremely flammable, F = Very flammable, N = Environmental hazard</p>		

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

Inhalation	Move the exposed person to fresh air at once. Get medical attention if any discomfort continues.
Skin contact	Remove contaminated clothes and rinse skin thoroughly with water.
Eye contact	Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. Get medical attention if any discomfort continues.
Ingestion	NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS! Do not induce vomiting. Rinse mouth with water. Get medical attention if any discomfort continues.

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

Information for health personnel	Treat Symptomatically. Do not give victim anything to drink if he is Unconscious.
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### 4.3. Indication of any immediate medical attention and special treatment needed

Specific details on antidotes	No recommendation given.
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## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media	Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog.
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### 5.2. Special hazards arising from the substance or mixture

Fire and explosion hazards	HIGHLY FLAMMABLE! Solvent vapours may form explosive mixtures with air.
Hazardous combustion products	Fire creates: Carbon monoxide (CO). Carbon dioxide (CO <sub>2</sub> ).

### 5.3. Advice for firefighters

Fire fighting procedures	No specific fire fighting procedure given.
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## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

Personal protection measures	Ensure suitable personal protection (including respiratory protection) during removal of spillages in a confined area. Ventilate well. Stop leak if possible without risk. Avoid contact with skin and eyes. Do not breathe vapour.
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### 6.2. Environmental precautions

Environmental precautionary measures	Avoid discharge into drains, water courses or onto the ground.
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### 6.3. Methods and material for containment and cleaning up

Cleaning method	Dam and absorb spillages with sand, earth or other non-combustible material.
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### 6.4. Reference to other sections

Other instructions	No recommendation given.
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## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Handling	Keep away from heat, sparks and open flame. Take precautionary measures against static discharges. Mechanical ventilation may be required.
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### Protective Safety Measures

Advice on general occupational hygiene	Provide easy access to water supply and eye wash facilities.
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### 7.2. Conditions for safe storage, including any incompatibilities

Storage	Keep away from heat, sparks and open flame. Ground container and transfer equipment to eliminate static electric sparks. Store in a cool and well-ventilated place.
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### 7.3. Specific end use(s)

Specific use(s)	Not entered.
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## SECTION 8: Exposure controls/personal protection 8.1.

### Control parameters

Other Information about threshold limit values	Norske grenseverdier; FOR-2011-12-06-1358 vedlegg 1. Etanol: 8 t.: 500ppm, 950 mg/m <sup>3</sup> (2003)
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### DNEL / PNEC

Exposure guidelines	Country of origin: Limit value type: KTV
Other Information	OEL Short Term Value: 1900 mg/m <sup>3</sup> Source: Nationella hygieniska gränsvärden, AFS 2005:17 NGV, 1000 mg/m <sup>3</sup>

### 8.2. Exposure controls

Occupational exposure limits	Provide adequate ventilation. Observe Occupational Exposure Limits and minimise the risk of inhalation of vapours. Protective gloves and goggles are recommended. Provide eyewash, quick drench.
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## Safety signs



**Respiratory protection**

Respiratory protection                      Respiratory protection must be used if air contamination exceeds acceptable level. Use respiratory equipment with gas filter, type A2.

**Hand protection**

Hand protection                                Use protective gloves. Chemical resistant gloves required for prolonged or repeated contact. Gloves of nitrile rubber, PVA or Viton are recommended.

**Eye / face protection**

Eye protection                                 Use safety goggles or face shield in case of splash risk.

**Skin protection**

Skin protection (except hands)            Wear appropriate clothing to prevent any possibility of skin contact.

**Hygiene / Environmental**

Specific hygiene measures                 Wash hands after contact.

**SECTION 9: Physical and chemical properties****9.1. Information on basic physical and chemical properties**

Colour	Colourless.
Odour	Odour of alcohol.
Comments, pH (as supplied)	Not applicable.
Melting point/melting range	Value: -115 °C
Boiling point / boiling range	Value: 78 °C
Flash point	Value: 12 °C
Explosion limit	Value: 3,5-15 %
Vapour pressure	Value: 5,9 kPa Test temperature: 20 °C
Vapour density	Value: 1,6
Specific gravity	Value: 789 kg/m <sup>3</sup> Test temperature: 20 °C
Solubility description	Completely soluble in water. Soluble in: Organic solvents.
Partition coefficient: n-octanol/water	Value: -0,32
Spontaneous combustability	Value: 425 °C
Viscosity	Value: 1,2 mPas Test temperature: 20 °C

**9.2. Other information****SECTION 10: Stability and reactivity****10.1. Reactivity**

Reactivity                                        Heating may cause a fire.

**10.2. Chemical stability**

Stability    Stable under the prescribed storage conditions.

**10.3. Possibility of hazardous reactions**

Possibility of hazardous reactions        Not known.

**10.4. Conditions to avoid**

Conditions to avoid                            Avoid heat, flames and other sources of ignition.

**10.5. Incompatible materials**

Materials to avoid                             Avoid contact with oxidising agents (e.g. nitric acid, peroxides and chromates). Strong acids.

**10.6. Hazardous decomposition products**

Hazardous decomposition products        Fire creates: Carbon monoxide (CO). Carbon dioxide (CO<sub>2</sub>).

**SECTION 11: Toxicological information**

## 11.1. Information on toxicological effects

### Toxicological Information:

Other toxicological data	Acute Toxicity (Oral LD50): mg/kg (oral rat) 7060 Acute Toxicity (Inhalation LC50): mg/l (vapours) (4h) 124,7 Acute Toxicity (Dermal LD50): mg/kg (ipr-rat) > 20 000
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### Potential acute effects

Inhalation	In high concentrations, vapours are narcotic and may cause headache, fatigue, dizziness and nausea. Icke klassificerad som aspirationstoxisk (Not classified as asp. tox.)
Skin contact	Prolonged or frequent contact may cause redness, itching, eczema and skin cracking. Defats the skin.
Eye contact	Causes serious eye irritation.
Ingestion	Ingestion of large amounts may cause unconsciousness. However, ingestion may cause nausea, headache, dizziness and intoxication. Ingestion may cause irritation of the gastrointestinal tract, vomiting and diarrhoea. May cause irritation to the mouth and throat.

### Delayed effects / repeated exposure

Sensitisation	Not known.
Chronic effects	None known.

### Carcinogenic, Mutagenic or Reprotoxic

Carcinogenicity	None.
Mutagenicity	Not known.
Teratogenic properties	Not known.
Reproductive toxicity	Not known.

## SECTION 12: Ecological information

### 12.1. Toxicity

Acute aquatic, fish	Value: 13500 mg/l Method of testing: LC50 Fish, species: Pimephales promelas Duration: 96h
Acute aquatic, algae	Value: 5000 mg/l Method of testing: IC50 Algae, species: Scenedesmus subspicatus Duration: 7d
Acute aquatic, Daphnia	Value: 5400 mg/l Method of testing: EC50 Daphnia, species: D. magna Duration: 72h

### 12.2. Persistence and degradability

Degradation half life	Lättnedbrytbar. 85% bryts ned på 28 dygn OECD 301D
Chemical oxygen demand (COD)	Value: 0,4-0,8 Method of testing: COD
Biological oxygen demand (BOD)	Value: 0,4-0,8 Method of testing: BOD

### 12.3. Bioaccumulative potential

Bioaccumulative potential	Will not bio-accumulate.
Bioconcentration factor (BCF)	Value: 0,66 Method of testing: BCF

### 12.4. Mobility in soil

Mobility	The product is water soluble and may spread in water systems.
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### 12.5. Results of PBT and vPvB assessment

PBT assessment results This substance is not classified as PBT or vPvB.

### 12.6. Other adverse effects

Other adverse effects / Remarks None known.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Specify the appropriate methods of disposal Confirm disposal procedures with environmental engineer and local regulations. Absorb in vermiculite or dry sand and dispose of at a licenced hazardous waste collection point. Liquid components can be disposed of by incineration. Yes

Product classified as hazardous waste

Packaging classified as hazardous waste No

## SECTION 14: Transport information

### 14.1. UN number

ADR	1170
RID	1170
IMDG	1170
ICAO/IATA	1170

### 14.2. UN proper shipping name

ADR	ETHANOL
RID	ETHANOL
IMDG	ETHANOL
ICAO/IATA	ETHANOL

### 14.3. Transport hazard class(es)

ADR	3
Hazard no.	33
RID	3
ADN	33
IMDG	3
ICAO/IATA	3

### 14.4. Packing group

ADR	II
RID	II
IMDG	II
ICAO/IATA	II

### 14.5. Environmental hazards

Comment Not relevant.

### 14.6. Special precautions for user

EmS F-E, S-D

### 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC

## Code SECTION 15: Regulatory information

EC no. 200-578-6

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

Other Label Information Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 with amendments.

## Legislation and regulations

Dangerous Substance Directive 67/548/EEC.  
 The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I. 2009 No. 716).  
 The List of Wastes (England) (Amendment) Regulations 2005. (SI 2005 No. 895). Avfallsförordningen (2011:927).

**15.2. Chemical safety assessment****SECTION 16: Other information****Hazard symbol**

Highly flammable

R-phrases

R11 Highly flammable.

S-phrases

S2 Keep out of the reach of children.

S7 Keep container tightly closed.

S16 Keep away from sources of ignition - No smoking.

Classification according to  
 Regulation (EC) No 1272/2008

Flam. Liq. 2; H225;

[CLP/GHS]

List of relevant R-phrases (under  
 headings 2 and 3).

R11 Highly flammable.

List of relevant H-phrases (Section  
 2 and 3).

H225 Highly flammable liquid and vapour.

Responsible for safety data sheet