SAFETY DATA SHEET
KATRA – Sanitizing Liquid for Hands Without Rinsing

1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier
Name of the product:

KATRA – Sanitizing Liquid for Hands Without Rinsing

1.2 Relevant identified uses of the substance or mixture and uses advised against.:
Main group 1 - Disinfectants. Product Type 1 - Human Hygiene.

1.3 Details of the supplier of the safety data sheet.
KATRA TRADE EOOD
4001 Plovdiv, Bulgaria
36 A Park Otdih I Kultura Str.
Tel. 0888 81 94 17
e-mail: office@katragroup.bg

1.4. Emergency telephone number
In case of medical emergencies, please contact your local poison control center.
Transportation emergency (24 hour), contact:
Pirogov Hospital, Toxicological Department, +359 2 915 441
poison_centre@mail.orbitel.bg ; http://www.pirogov.bg

2: HAZARDS IDENTIFICATION.
2.1. Classification of the substance or mixture:
The product is classified as dangerous in accordance with the provisions of the EU Regulation 1272/2008 (CLP) (and amendments). The product requires a safety data sheet in accordance with the provisions of EU Regulation 1907/2006 (REACH).

2.1.1. Hazard classes and categories:
Flammable liquid cat. 2 (Flam. Liq. 2, H225)

2.2. Label elements:
Pictogram



Signal Word: Danger
Danger warnings:
H225 Highly flammable liquid and vapor
Safety recommendations:
P102 Keep out of the reach of children.
P210 Keep away from heat, hot surfaces, sparks, naked flames and other sources of ignition. Smoking is forbidden.
P233 Keep container tightly closed.
P243 Take precautionary measures against the release of static electricity.
P280 Wear safety goggles /face protection mask.
P403 + P235 Store in a well-ventilated place. Store in a cool place.
P501 Dispose of the vessel according to the regulations.

2.3 Other hazards: Based on available data, does not contain substances with PBT or vPvB properties, in a greater percentage than 0.1%.

3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substance: Not applicable

3.2 Mixture

Identification ***Name*** **CAS №/ EC №**	***Concentration %***	***Classification according to Regulation (EO) 1272/2008 (CLP)***
Ethyl Alcohol *CAS № -64-17-5* *EC № 200-578-6* *INDEX. 603-002-00-5*	70.0	Flam. Liq. 2, H225

For the full text of the H-phrases, see section 16 of this information sheet.

4: FIRST-AID MEASURES

4.1 Description of first aid measures:
IF INHALED: Move victim to the open air. If breathing is difficult, seek medical assistance.
IF SWALLOWED: Get medical attention. Do not induce vomiting unless directed to do so by your doctor. Never give anything by mouth to a person who is unconscious.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if any, as soon as possible. Continue to rinse.
IF ON SKIN (or Hair): Take off all contaminated clothing. Wash skin thoroughly with water / shower.

There is no specific antidote. Symptomatic treatment with intoxication is administered.

4.2. Most important symptoms and effects, both acute and distant:
For symptoms and effects caused by the substances contained in the product, see section 11.

4.3. Indications for immediate medical attention and special treatment needed: No information available.

5. FIRE-FIGHTING MEASURES

5.1. Extinguishing media
SUITABLE FIRE FIGHTING MEASURES
The firefighting equipment must be of the conventional type: CO2, fire extinguishing powder, water-dispersible alcohol-resistant foam, and depending on the materials involved in the fire.
UNSUITABLE FIRE FIGHTING MEASURES: No information available.

5.2 Special hazards arising from the substance or mixture
HAZARDS FROM EXPOSURE IN CASE OF FIRE: Do not breathe combustion products (carbon and nitrogen oxides).

5.3. Tips for firefighters

SPECIAL FIRE PROTECTION EQUIPMENT
Normal fire fighting clothing e.g. fire kit (BS EN 469), gloves (BS EN 659) and boots (HO

specification A29 and A30) in combination with a self-contained open-flow and positive pressure breathing apparatus (BS EN 137).

6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures
Eliminate sources of ignition (cigarettes, flames, sparks, etc.) from the discharge area. Send people away who are not properly equipped. Wear safety gloves / protective clothing / eye protection / face protection.

6.2. Environmental protection measures
Do not disperse into the environment.

6.3. Methods and means of containment and cleaning
Use inert absorbent materials to absorb spilled product. Contaminated materials must be disposed of in accordance with the provisions set out in point 13.

6.4. Reference to other sections
Information on personal protective equipment and methods of waste disposal are given in sections 8 and 13.

7: HANDLING AND STORAGE

7.1. Safety precautions
Do not eat, drink or smoke during use. Avoid contact with eyes. For authorized use only. Keep away from food, drink and smoke. Avoid overuse.

7.2. Conditions for safe storage, including any incompatibilities
Store in areas with adequate ventilation, away from direct sunlight, at temperatures below 50 ° C, away from combustion sources. Take precautionary measures against the release of static electricity.

7.3. Specific purposes as Biocide - a disinfectant.

8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters / Regulatory information:
Ordinance No. 13 of December 30, 2003 on the protection of workers
BG Bulgaria of risks associated with exposure to chemical agents at work - (amend. SG 8/30/01/04)

Ethanol: Type: SG; Country: BG; 8h mg / m^3 1000 ppm 1000; 15min mg / m3 ppm leather HS BG 1000 1000
SG - Limit values of chemical agents in the air of the working environment (Regulation 13)

8.2 Exposure controls:
The use of appropriate technical means must always be given priority over the personal protective equipment, make sure that the workspace is ventilated enough via aspirators.

HAND PROTECTION
Wear suitable gloves. The glove material should be impermeable and resistant to the product. Butyl rubber, with recommended material thickness: ≥0.7 mm and penetration value: level ≥ 480 min, are suitable for prolonged contact.

SKIN PROTECTION
Wear long-sleeved work clothes. Wash the body with soap and water after removing work clothes. Wash work clothing before reuse.

EYE PROTECTION
Wear safety goggles.

RESPIRATORY PROTECTION

Not required for normal use.

EXPOSURE CONTROL OF THE ENVIRONMENT
Emissions from production processes, including those generated by ventilation equipment, must be verified to ensure compliance with environmental standards.

9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information for basic physical and chemicals properties:

Physical form:	gel
Color:	Light blue
Odor:	Specific, of fragrance
Limit of odor	Not available
pH:	6 – 7.5
Point of melting/freezing:	Not available
Start point of boiling	Not available
Interval of boiling	Not available
Flash point:	Not available
Explosive properties:	Not available
Flammability (solid, gas):	Not available
Upper limit Flammability:	Not available
Lower limit Flammability	Not available
Upper limit Ignition :	Not available
Lower limit Ignition	Not available
Vapor pressure: Not available:	Not available
Vapor density	Not available
Relative Density:	0.9 – 0.98
Solubility:	Not available
Partition coefficient n- n-	Not available

octanol/water:	
Auto-ignition temperature::	Not available
Decomposition temperature::	Not available
Viscosity:	Not available
Oxidizing properties::	Not oxidizing
Exposure properties::	Not exposure

9.2. Other information: -

10: STABILITY AND REACTIVITY.

10.1.Reactivity: No risk of reaction with other substances under normal conditions of use.
10.2. Chemical stability:
The product is stable under normal conditions of use and storage.
10.3.Possibility of hazardous reactions:
Dangerous reactions are not foreseeable under normal conditions of use and storage.
10.4. Conditions to avoid: Avoid overheating, direct exposure to light, heat sources and outdoor flame.
10.5. Incompatible materials:
No information available.
10.6. Hazardous decomposition products: No information available.

11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects: In the absence of experimental data on the product itself, health hazards have been assessed at based on the properties of the substances it contains, using the classification criteria set out in the applicable legislation.

Toxicological information:
ETHYL ALCOHOL
Oral LD 50, rat = 6200 mg / kg
Dermal LD 50, rat> 10,000 mg / kg (literature data); Inhalation LC 50, rat – 95.6 mg / L
Skin corrosion / irritation: slight irritation, non-corrosive classifies;
Serious eye damage / irritation: causes eye irritation (Eye Irrit. 2; H319);
Respiratory / dermal sensitization: not classified;
STOT single exposure: No specific effects on specific organs are observed after single exposure
STOT repeated exposure: Non classified
Genotoxicity: Not classified as genotoxic;
Carcinogenicity: Not classified as a carcinogen;
Reproductive toxicity: It has no reproductive toxicity.

BIOCID TOXICOLOGY:
Acute oral, dermal and inhalation toxicity: the biocidal product is not classified as hazardous.
Serious eye damage / eye irritation: Not classified as eye irritant.
Skin corrosion / irritation: not classified as skin irritant;
Respiratory / skin sensitization: not a skin sensitizer;
STOT SE, STOT RE: Not classified in these hazard classes;
Germ cell mutagenicity: Not classified;
Carcinogenicity: no data on carcinogenicity, not classified; Reproductive toxicity: Not classified.
Acute effects of overexposure and accidental ingestion: Eye contact may cause red and watery eyes.

Swallowing can cause stomach pain, burning, nausea and vomiting.

12: ECOLOGICAL INFORMATION

This product is not hazardous to the environment.
12.1. Toxicity: Ethyl alcohol: Acute toxicity to fish:LC50 Pimephales promelas - 15300 mg / l (96 h).LC50 Salmo gairdneri / Oncorhynchus mykiss - 11200 mg / l (24 h).
Acute toxicity to Daphnia magna:EC50 Daphnia magna> 10000 mg / l (48 h).Inhibitory effect on algae development:EC50> 10000 mg / l (72h)

12.2. Sustainability and degradability: Ethyl alcohol: Biodegradability, water - 94% (20 days) Phototransformation, air - 500000 / cm3 (40h)12.3. Bioaccumulation potential: Ethyl alcohol: BCF - 3.2

12.4. Portability in soil: No data

12.5. Results of PBT and vPvB assessment: Based on the available data, the biocidal product does not contain substances with PBT or vPvB properties

12.6. Other adverse effects:
No information available.

13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods:
Use all contents of the packaging as intended.
Any residual product should be disposed of in accordance with applicable regulations. Waste transportation may be subject to ADR restrictions.
Contaminated packaging must be recovered or disposed of in accordance with national waste management regulations.

Waste classification: (Ordinance No. 2 of July 23, 2014 on the classification of waste ((prom. SG 66/08, 08/08/2014))
07 04 wastes from the manufacture, formulation, supply and use of organic mixtures for plant protection (except 02 01 08 and 02 01 09), mixtures for wood preservation (except 03 02) and other biocidal products
07 04 04∗ other organic solvents, washing liquids and mother liquors

15 01 Packaging
15 01 10∗ packaging containing residues of dangerous substances or contaminated with dangerous substances

The waste from the biocidal product as residues and packaging should be temporarily collected in special tightly closed and labeled containers, after which it shall be handed over to persons holding a permit in accordance with Art. 67 of the Waste Management Act (promulgated, SG No. 53 of July 13, 2012)

14: TRANSPORT INFORMATION

14.1. UN code - 1170
14.2. UN proper shipping name:
ADR / RID IMDG IATA - Ethanol (Ethyl Alcohol)
14.3. Transport hazard class(es)
ADR / RID, IMDG, IATA: 3
14.4. Packing group
ADR, IMDG, IATA II
14.5. Environmental hazards
Non hazardous

14.6 Special precautions for users
EMS (sea casualty measures) number: -
14.7. Transport in bulk according to Annex II of MARPOL 73/78 and
IBC Code - Information is irrelevant.

15: REGULATORY INFORMATION1

5.1. Substance or mixture specific safety, health and environmental regulations / legislation.
There is no.

15.2. Chemical safety assessment
No chemical safety assessment has been performed for this product and its content substances.

15.3. Legislation information taken into account when preparing the safety data sheet :
European legislation: Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 on the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH). Regulation (EU) No 453/3010 amending Regulation (EC) No 1907/2008 of the European Parliament on the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH). Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on the classification, labeling and packaging of substances and mixtures, amending and repealing Directives 67/548 / EEC and 1999/45 / EC and amendment of Regulation (EC) No 1907/2006. European Directive 76/769 / EEC on restrictions on the marketing and use of certain dangerous substances and preparations. Council Directive 98/24 / EC on the protection of the health and safety of workers and risks associated with chemical agents at work. Commission Directive 2000 / 39_ EEC establishing the first lists of indicative occupational exposure limit values for the implementation of the Council Directive 98/24 / EC on the protection of the health and safety of workers from the risks related to chemical agents at work. Council Directive 89/656 / EEC on the minimum health and safety requirements for workers in the use of personal protective equipment at work. Directive 2008/98 / EC of the European Parliament and of the Council of 19 November 2008 on waste. Directive 2000/60 / EC establishing a Community framework for action in the field of water policy. European Directive 91/689 / EEC on hazardous waste. European Directive 94/62 / EC on packaging and waste. European Directive 1999/31 / EC on the landfill of waste. National legislation: Law for Protection against the Harmful Impact of Chemical Substances and Mixtures (prom.2000);Environmental Protection Act (promulgated, SG No. 91 of September 25, 2002);Law on Health and Safety at Work - (promulgated SG No. 124 of December 23, 1997);Law on Waste Management (promulgated, SG 53/13/2012);Ordinance No. 2 of July 23, 2014 on the classification of waste (promulgated SG 66/08, August 8, 2014); Ordinance No. 13 of December 30, 2003 on the Protection of Workers from the Risks Related to Exposure to Chemical Agents at Work (promulgated SG No. 8 of January 30, 2004).

16: OTHER INFORMATION

Full text of hazard classes and categories and H phrases
Text of the hazard statements (H) mentioned in section 2-3 of this SDS
Flam. Liq. 2 Flammable liquid, category 2
H225 Highly flammable liquid and vapor.

Changes from the previous version**: - none**