

MULTI PURPOSE CLEANING WET WIPES	SDS NO	001513
	PREPARATION DATE	10/10/2018
	REVISION NUMBER	002
	REVISION DATE	29/04/2019
This product has been classified according to the hazard criteria of the HPR (Hazardous Products Regulation) and the SDS contains all of the information required by the HPR.		

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

### 1.1. PRODUCT IDENTIFIER

Product Name	MULTI PURPOSE CLEANING WET WIPES
CAS No	-
EC No	-

### 1.2. RELEVANT IDENTIFIED USES OF THE SUBSTANCE OR MIXTURE AND USES ADVISED AGAINST

Surface Wet Wipes

### 1.3. DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET

Company	Star Kimya ve Gıda San. Paz. Ltd. Şti.
Address	İvoksan 22. Cd. 1469. Sk. No:5 Ostim Ankara TÜRKİYE
Telephone	+90 312 395 51 11
Web Adress	<a href="http://www.starkimya.com.tr">www.starkimya.com.tr</a>
E-Mail	info@starkimya.com.tr

### 1.4. EMERGENCY TELEPHONE NUMBER

Transportation Emergency (24 hour) Telephone Number: CHEMTREC 1-800-424-9300

## 2. HAZARDS IDENTIFICATION

### 2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

EYE IRRITATION - Category 2A

### 2.2 Label Elements



Signal Word: **WARNING**

Hazard Statements:

H319 - Causes serious eye irritation.

Precautionary Statements

P103 - Read label before use.

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P102 - Keep out of reach of children.

P101 - If medical advice is needed, have product container or label at hand.

P280 - Wear eye or face protection.

P264 - Wash hands thoroughly after handling.

### Precautionary Statements - Response

P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337 + P313 - If eye irritation persists: Get medical attention.

### Precautionary Statements - Storage

Not applicable.

### Precautionary Statements – Disposal

Dispose of contents and container in accordance with all local, regional, national and international regulations

Storage: Store in a closed container (P404).

Additional information:

Used professionally for surface

### 2.3. Other Hazards

The ingredients are not considered PBT/vPvB according to criteria in Annex XIII.

The product contains organic solvents (ethanol). Repeated exposure may cause skin dryness or cracking.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Components	Weight %	CAS No.	EC No.	Classification
ETHANOL	%5-15	64-17-5	200-578-6	Flam. Liq. H225
BENZALKONIUM CHLORIDE	%0.2-0.3	63449-41-2	-	

**Additional information:** Actual substance concentrations fall within the ranges stated. Maximum values do not necessarily represent the values present in the Formula.

## 4. FIRST AID MEASURES

### 4.1. Description of first aid measures

#### Inhalation

If symptoms develop move victim to fresh air. Get medical attention if symptoms persist.

#### Skin contact

Wash off with warm water and soap. Get medical attention if symptoms occur.

#### Eye contact

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If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if symptoms persist.

**Ingestion**

Seek medical advice.

**Most important Symptoms/Effects, Acute And Delayed**

Causes serious eye irritation.

**Indication Of immediate Medical Attention And Special Treatment Needed**

Treat symptomatically.

**5. FIRE-FIGHTING MEASURES**

**5.1. Extinguishing media**

Suitable extinguishing media Water. Water Spray or Fog. Foam. Dry chemical or CO2.

Unsuitable extinguishing media.

**5.2. Special hazards arising from the substance or mixture**

Do not use water jet as an extinguisher, as this will spread the fire. Thermal decomposition or combustion may liberate toxic gases or fumes

**5.3. Advice for fire-fighters**

Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

General fire hazards No unusual fire or explosion hazards noted.

Hazardous combustion products

Carbon oxides.

**6. ACCIDENTAL RELEASE MEASURES**

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

Keep unnecessary personnel away. Wear appropriate personal protective equipment. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. For personal protection, see section 8 of the SDS.

**6.2. Environmental precautions**

Avoid discharge into drains, water courses or onto the ground.

**6.3. Methods and material for containment and cleaning up**

Absorb spill with vermiculite or other inert material, then place in a sealed container for chemical waste.

Large Spills: Flush with plenty of water. Prevent entry into waterways, sewer, basements or confined areas.

Dike for later disposal.

Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

**6.4. Reference to other sections**

See section 8 for protective equipment and section 13 for waste disposal.

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## 7. HANDLING AND STORAGE

### 7.1. Precautions for safe handling

When using, do not eat, drink or smoke. Avoid contact with eyes. Wear appropriate personal protective equipment. Use only with adequate ventilation. Wash thoroughly after handling.

### 7.2. Conditions for safe storage, including any incompatibilities

Keep container tightly closed. Keep cool. Store away from incompatible materials.

### 7.3. Specific end use(s)

See section 1.2

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### Occupational exposure limits

#### US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

Components	Type	Value
Ethanol (CAS 64-17-5)	PEL	1900 mg/m <sup>3</sup> 1000 ppm

#### US. ACGIH Threshold Limit Values

Components	Type	Value
Ethanol (CAS 64-17-5)	STEL	1000 ppm

#### US. NIOSH: Pocket Guide to Chemical Hazards Components

Components	Type	Value
Ethanol (CAS 64-17-5)	TWA	1900 mg/m <sup>3</sup> 1000 ppm

Biological limit values No biological exposure limits noted for the ingredient(s).

### Appropriate engineering controls

Ensure adequate ventilation, especially in confined areas.

### Individual protection measures, such as personal protective equipment

Eye/face protection: Wear safety glasses with side shields (or goggles).

### Skin protection

Hand protection: Chemical resistant gloves recommended.

Other: Wear chemical-resistant gloves, footwear, and protective clothing appropriate for the risk of exposure.

Contact health or safety professional or manufacturer for specific information.

### Respiratory protection

If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn. Contact health and safety professional or manufacturer for specific information.

### Thermal hazards

Not available.

### General hygiene considerations

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Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on basic and chemical properties

Appearance: White, non-woven wipe material

Odour: Slight Alcohol

pH: 6 to 8

Melting point/range: not available

Boiling point: not available

Flash point: not available

Auto-flammability: not available

Evaporation rate: not available

Vapour pressure: not available

Oxidising properties Not oxidising.

Explosive properties Not classified as an explosive.

Solubility in water the liquid can be diluted in the napkins.

**9.2. Other information:** not available

## 10. STABILITY AND REACTIVITY

### 10.1. Reactivity

None known.

### 10.2. Chemical stability

Stable at recommended storage temperatures.

### 10.3. Possibility of hazardous reactions

Hazardous reactions will not occur under normal transport or storage conditions.

### 10.4. Conditions to avoid

Avoid sunlight and high temperatures.

### 10.5. Incompatible materials

Avoid oxidizing agents, alkaline oxides, non-metallic anhydrides / acids, hydrides, mercury compounds, silver compounds. Not compatible with Polyurethane (PUR / U). Repeated contact with materials such as polyacrylates, nitrile and PVC may cause softening, loss of strength, swelling and / or scalding.

Possibility of reaction with other substances can not be excluded.

### 10.6. Hazardous decomposition products

No known hazardous decomposition products.

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## 11. TOXICOLOGICAL INFORMATION

### 11.1. Information on toxicological effects

Inhalation: Under normal conditions of intended use, this material is not expected to be an inhalation hazard.

Skin contact: Prolonged skin contact may cause temporary irritation.

Eye contact: Causes serious eye irritation.

Ingestion: No harmful effects expected in amounts likely to be ingested by accident.

Most important symptoms/effects, acute and delayed: Causes serious eye irritation.

#### Ethanol

Type	Species	Result	Method
Oral	LD50 Rat	>14.500 mg/kg	OECD 401
Acute toxicity Inhalation	Mouse	> 114 mg/ml	OECD 403
Dermal	No data available		
Skin corrosion/irritation	Human	Not irritating	Not a guideline study (4h)
Eye damage/ irritation	Rabbit	Irritating	OECD 405
Respiratory or Skin sensitisation	No data available		
Reproductive toxicity	Mouse	no effects observed	OECD 416

Source: Registration Dossier – ECHA

#### Skin corrosion/irritation

Prolonged skin contact may cause temporary irritation.

#### Serious eye damage/eye irritation

Causes serious eye irritation.

#### Respiratory or skin sensitization

##### Respiratory sensitization

This product is not expected to cause respiratory sensitization.

**Skin sensitizer:** This product is not expected to cause skin sensitization.

**Germ cell mutagenicity:** No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.

#### Carcinogenicity

This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.

#### OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not listed.

#### Reproductive toxicity

This product is not expected to cause reproductive effects.

#### Specific target organ toxicity - single exposure

Not classified as a specific target organ toxicity -single exposure.

#### Specific target organ toxicity - repeated exposure

Not classified as a specific target organ toxicity -repeated exposure.

#### Aspiration toxicity

Not expected to be an aspiration hazard.

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## 12. ECOLOGICAL INFORMATION

### 12.1. Toxicity

#### Ecotoxicity

Components	Species	Test Results
Ethanol (CAS 64-17-5)		
Aquatic		
Acute		
Algae	Green algae (Selenastrum capricornutum)	1000 mg/l, 96 hours
Crustacea	Water flea (Daphnia magna)	5012 mg/l, 48 hours
Fish	Fathead minnow (Pimephales promelas)	> 100 mg/l, 96 hours

#### Persistence and degradability

Not available.

#### Bioaccumulative potential

Not available.

#### Partition coefficient n-octanol / water (log Kow)

Ethanol -0.31

#### Mobility in soil

Not available.

#### Other adverse effects

No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

### 12.2. Persistence and degradability

Readily biodegradable.

### 12.3. Bioaccumulative potential

No bioaccumulative potential.

### 12.4. Mobility in soil

No data available.

### 12.5. Results of PBT and vPvB assessment

The product contains no identified PBT/vPvB substances.

### 12.6. Other adverse effects

None known

## 13. DISPOSAL CONSIDERATIONS

### Disposal instructions

Collect and reclaim or dispose in sealed containers at licensed waste disposal site.

### Local disposal regulations

Dispose in accordance with all applicable regulations.



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## Hazardous waste code

The waste code should be assigned in discussion between the user, the producer and the waste disposal company.

## Waste from residues / unused products

Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).

## Contaminated packaging

Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied.

## 14. TRANSPORT INFORMATION

**DOT:** Not regulated as dangerous goods.

**IATA:** Not regulated as dangerous goods.

**IMDG:** Not regulated as dangerous goods.

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

Not available

## 15. REGULATORY INFORMATION

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

CLP, Regulation (EU) 1272/2008

REACH, Regulation (EC) 1907/2006.

BPR, Regulation (EU) 528/2012.

### 15.2. Chemical Safety Assessment

No chemical safety assessment has been carried out for the mixture.

## 16. OTHER INFORMATION

The information in this document must be made available to all who handle the product. Information in this safety data sheet cannot be used as a product specification. The information in this safety data sheet applies only the products referred to in section 1 and is not valid when used with other products. Classified by calculation, based on known hazards of ingredients. According to CLP (EC) No 1272/2008

Flam. Liq. 2; H225

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

H225 Highly flammable liquid and vapour.

### Abbreviations used:

ATE Acute toxicity estimate.

STOT Specific Target Organ Toxicity.

OECD Organisation for Economic Co-operation and Development.



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ECHA European Chemicals Agency.

REACH Registration, Evaluation, Authorisation and Restriction of Chemical Substances.

DNEL Derived No-Effect Level.

PNEC Predicted No-Effect Concentration.

LC50 Lethal Concentration 50 %

EC50 Effect Concentration 50 %

TGK toxicity threshold concentration.

PBT Persistent, Bioaccumulative, Toxic.

vPvB very Persistent, very Bioaccumulative.

EmS Emergency Response Procedures for Ships Carrying Dangerous Goods.

ADR European Agreement concerning the International Carriage of Dangerous Goods by Road.

IMDG International Maritime Code for Dangerous Goods.

IATA International Air Transport Association.

GHS Globally Harmonised System of Classification and Labelling of Chemicals.

AT Arbejdstilsynet

LQ limited Quantity

#### Key literature references:

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 (CLP).

EC regulation 1907/2006 (REACH). ECHA registration dossiers. REGULATION (EU) No 528/2012 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 22 May 2012 concerning the making available on the market and use of biocidal products

The information provided in this Safety Data Sheet is correct to the best of our knowledge, through information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific product designated and may not be valid for the product used in combination with any other products, materials or in any process, unless specified in the text. It is always the responsibility of the user to take all necessary steps in order to fulfil the demand laid down in the local rules and legislation. Final determination of suitability of any material is the sole responsibility of the user. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist. The company cannot be held liable for any damage resulting from wrongful handling or other, not specified here, contact with the above product.