

SAFETY DATA SHEET**MAKS 4114**

According to Regulation (EC) No. 1907/2008

Issue Date: 20.08.2015

Revision Date: 28.01.2025

Version: 03

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

| | |
|----------------------------|---|
| PRODUCT NAME | MAKS 4114 |
| APPLICATION | MICROORGANISM CONTROL AGENT |
| SUPPLIER | BİMAKS KİMYA VE GIDA DIŞ TİCARET LTD. ŞTİ. Fatih Sultan Mehmet Mahallesi Şiir Sokak. No: 10 İç Kapı No: 1 Ümraniye/ İSTANBUL Tel: 0850 522 71 04 Fax: 0216 321 32 13 E-mail: info@bimakskimya.com Web: www.bimakskimya.com.tr |
| CONTACT PERSON | SILA ARSLAN, ROY KARASU |
| EMERGENCY TELEPHONE | BİMAKS KİMYA: 0850 522 71 04 |

2 HAZARD IDENTIFICATION**CLASSIFICATION OF THE SUBSTANCE OR MIXTURE:****Classification according to Regulation (EC) No 1272/2008**

Acute toxicity, Oral (Category 4), H302

Skin corrosion/irritation (Category 1B), H314

Hazardous to the aquatic environment, Acute (Category 1), H400

LABEL ELEMENTS:**Labelling according Regulation (EC) No 1272/2008****PICTOGRAM:****SIGNAL WORD:** Danger**Hazard statement(s):**

H302: Harmful if swallowed.

H314: Causes severe skin burns and eye damage.

H400: Very toxic to aquatic life.

Precautionary statement(s):

P260: Do not breathe dust/fume/gas/mist/vapours/spray.

P273: Avoid release to the environment.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P301 + P312: IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.

P301 + P330 + P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P303 + P361 + P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

P302 + P352: IF ON SKIN: Wash with plenty of soap and water.

P304 + P340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

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P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do. Continue rinsing.

P310: Immediately call a POISON CENTER or doctor/physician.

P363: Wash contaminated clothing before reuse.

P391: Collect spillage.

P405: Store locked up.

P501: Dispose of contents/container in according with local regulation.

Supplemental Hazard Statements: None

Other hazards: This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

3 COMPOSITION/INFORMATION ON INGREDIENTS

| CAS NO. | EINECS NO. | CHEMICAL NAME | WT % | CLASSIFICATION |
|------------|------------|--------------------------------------|-------|---|
| 68391-01-5 | - | Alkyldimethylbenzylammonium chloride | 15-40 | Acute tox.4,H302+H312; Skin Corr.1B, H314; Aquatic Acute 1, H400 (M=10) |

4 FIRST AID MEASURES

GENERAL ADVICE: In all cases of doubt, or when symptoms persist, seek medical attention.

IF INHALED: If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

IN CASE OF SKIN CONTACT: Take off contaminated clothing and shoes immediately. Wash off with soap and plenty of water. Consult a physician.

IN CASE OF EYE CONTACT: Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

IF SWALLOWED: Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician. Treat symptoms.

MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED: Harmful if swallowed.

Causes severe skin burns and eye damage. May cause an allergic skin reaction.

INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED: If skin irritation or rash occurs, get medical advice/attention.

5 FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

UNSUITABLE EXTINGUISHING MEDIA: Not available.

ADVICE FOR FIREFIGHTERS: Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

HAZARDOUS COMBUSTION PRODUCTS: Hazardous decomposition products may be released: Carbon oxides, nitrogen oxides (NOx), Hydrogen chloride gas.

FURTHER INFORMATION: No data available.

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6 ACCEDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES: Use personal protective equipment. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. For personal protection see section 8. Wear an appropriate NIOSH/MSHA approved respirator if dust is generated.

ENVIRONMENTAL PRECAUTIONS: Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP Contain with absorbent material (e.g. sand, silica gel, acid binder, general purpose binder, sawdust). Keep in suitable, closed containers for disposal.

REFERENCE TO OTHER SECTIONS: For disposal see section 13.

7 HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING: Avoid contact with skin and eyes. Avoid inhalation of vapor. Keep away from sources of ignition - No smoking. Do not eat, drink and smoke in work areas. Wash hands after use. Remove contaminated clothing and protective equipment before entering eating areas.

CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES: Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

SPECIFIC END USE(S): Apart from the uses mentioned in section 2 no other specific uses are stipulated.

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

GENERAL HYGIENE CONSIDERATIONS: Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing.

CONTROL PARAMETERS: Components with workplace control parameters.

EXPOSURE CONTROLS:

APPROPRIATE ENGINEERING CONTROLS: Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. If user operations generate vapor, use ventilation to keep exposure to airborne contaminants below the exposure limit.

PERSONAL PROTECTIVE EQUIPMENT:

EYE/FACE PROTECTION: Tightly fitting safety goggles. Face shield (8-inch minimum). Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

SKIN PROTECTION: Handle with gloves. The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

BODY PROTECTION: Complete suit protecting against chemicals,

RESPIRATORY PROTECTION: In case of inadequate ventilation wear respiratory protection. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

CONTROL OF ENVIRONMENTAL EXPOSURE: Avoid discharge into the environment. According to local regulations, Federal and official regulations.

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9 PHYSICAL AND CHEMICAL PROPERTIES

| | |
|-----------------------------|------------------------------------|
| FORM: | Liquid |
| COLOR: | Colorless or off-white solution |
| ODOR: | Slight |
| PH: | 6.0-14.0 |
| DENSITY (20°C): | 0.9-1.25 g/cm ³ (20 °C) |
| SOLUBILITY IN WATER: | Complete |

10 STABILITY AND REACTIVITY**CHEMICAL STABILITY:** Stable under recommended storage conditions.**POSSIBILITY OF HAZARDOUS REACTIONS:** No dangerous reactions known.**CONDITIONS TO AVOID:** Incompatible materials. Electrostatic discharges, Exposure to direct sunlight and high temperatures.**INCOMPATIBLE MATERIALS:** Concentrated nitric acid, strong oxidizing agents, alkaline and alkaline earth metals.**HAZARDOUS DECOMPOSITION PRODUCTS:** Carbon oxides, nitrogen oxides (NO_x), Sulphur oxides, Hydrogen chloride gas.**11 TOXICOLOGICAL INFORMATION****ACUTE TOXICITY** No data available.**SKIN CORROSION/IRRITATION:** Causes severe skin burns and eye damage.**SERIOUS EYE DAMAGE/EYE IRRITATION:** Causes severe eye damage.**RESPIRATORY OR SKIN SENSITISATION:** May cause an allergic skin reaction.**GERM CELL MUTAGENICITY:** Not classified.**CARCINOGENICITY IARC:** Not classified.**12 ECOLOGICAL INFORMATION****ACUTE TOXICITY:****PERSISTENCE AND DEGRADABILITY:** No data available.**BIOACCUMULATIVE POTENTIAL:** No data available.**MOBILITY IN SOIL:** No data available.**RESULTS OF PBT AND VPVB ASSESSMENT:** No data available.**OTHER ADVERSE EFFECTS:** No data available.**13 DISPOSAL CONSIDERATIONS****WASTE TREATMENT METHODS:****PRODUCT:** Dispose of contents/container in accordance with local/regional/national/international regulations.**CONTAMINATED PACKAGING:** Since emptied containers may retain product residue, follow label warnings even after container is emptied.

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14 TRANSPORT INFORMATION**UN NUMBER:**

ADR/RID: 1760

IMDG: 1760

IATA: 1760

UN PROPER SHIPPING NAME

ADR/RID: CORROSIVE LIQUID, N.O.S.

IMDG: CORROSIVE LIQUID, N.O.S.

IATA: CORROSIVE LIQUID, N.O.S.

TRANSPORT HAZARD CLASS(ES)

ADR/RID: 8

IMDG: 8

IATA: 8



LABEL: 8

PACKAGING GROUP

ADR/RID: III

IMDG: III

IATA: III

ENVIRONMENTAL HAZARDS

ADR/RID: yes

IMDG Marine pollutant: yes

IATA: yes

SPECIAL PRECAUTIONS FOR USER: No data available**15 REGULATORY INFORMATION****THIS SAFETY DATASHEET COMPLIES WITH THE REQUIREMENTS OF REGULATION (EC) NO. 1907/2006.****SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS/LEGISLATION SPECIFIC FOR THE SUBSTANCE OR MIXTURE: Dodecyl Dimethyl Benzyl Ammonium Chloride (139-07-1) is found on the following regulatory lists:**

"US Toxic Substances Control Act (TSCA) - Chemical Substance Inventory" List.

OTHER EU REGULATIONS: Employment restrictions concerning young person must be observed. For use only by technically qualified individuals.**CHEMICAL SAFETY ASSESSMENT:** For this product a chemical safety assessment was not carried out.**16 OTHER INFORMATION**

This product material safety data sheet provides health and safety information. The product is to be used in applications consistent with our product literature. Individuals handling this product should be informed of the recommended safety precautions and should have access to this information. For any other uses, exposures should be evaluated so that appropriate handling practices and training programs can be established to insure safe workplace operations. Please consult your local sales representative for any further information.

EMERGENCY TELEPHONE NUMBER(S): 0850 522 71 04**SDS Authorized Person:** SILA ARSLAN**Certificate Validity Date:** 09.10.2028**Certificate No:** TÜV/11.214.09