MATERIAL SAFETY DATA SHEET
BALANCE GC 12

according to (EC) No no 1272/2008
REVISION DATE:00
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REVISION: 00

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

PRODUCT NAME BALANCE GC 12
INTENDED USE Multi Purpose General Cleaning Product
MANUFACTURER / SUPPLIER NAME AND ADDRESS;
COMPANY NAME LABOORY KİMYA TEMİZLİK MADDELERİ PLASTİK SAN. VE TİC. LTD. ŞTİ.
İkitelli OSB Mah. Metal İş Sanayi Sitesi 18. Blok No:10/10
Başakşehir / İstanbul.
Web e-mail: www.laboory.com
PRODUCTION COMPANY;
COMPANY NAME ENDEKS KİMYA A.Ş.
Adnan Kahveci Mah. Davutpaşa Cad. No:17 Beylikdüzü/İSTANBUL
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EMERGENCY INFORMATION (UZEM): 114

İnformation for the Product about Person : Lokman Çolak
İnformation for the MSDS about Person msds writer Sinem Yazıcı

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2. HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 (CLP):

Eye Irrit. 2 H319.

2.2. Label elements

Label elements (CLP):

Hazard pictogram:

Signal word: Warning

Hazard statement:

H319 Causes serious eye irritation.

Precautionary statement:

P280 – Wear protective gloves/protective clothing/eye protection/face protection

P264 Wash hands thoroughly after handling.
Avoid contact with eyes.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to remove. Continue rinsing.
P337+P313 If eye irritation persists: Get medical advice/attention.
keep away from children. read the instructions carefully.

to protect your skin, do not touch it long.

wash hands with water after use.

do not use for the cleansing of hand, face body or foodstuff.

swallowed, seek medical advice immediately and show this container or label.

ımmediately call a poıson center or doctor/physician.
methylchloroizhotiazolino and Methylisothiazolinone contain the might cause allergic reactions

2.3. Other hazards

None if used properly.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous substances	EINECS	CAS No	(%)	Classification
Alcohols, C12-14, ethoxylated, sulfates, sodium salts	500-234-8	68891-38-3	5-10	Skin irritation 2; Dermal H315 Eye Dam. 2, H319; Chronic hazards to the aquatic environment 3 H412
Benzenesulfonic acid, C10-13-alkyl sodium salts		85536-14-7	5-10	Acute toxicity 4; Oral H302 Skin irritation 2 H315 Serious eye damage 1 H318
Coconut oil, reaction products with diethanolamine	-	8051-30-7	1-5	Serious eye damage 1 H318, Skin irritation 2 H315
mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-2H -isothiazol-3-one	247-500-7 and 220-239-6	55965-84-9	< 0,01(max)	H301 +H311+H331, Skin Abrasive.1B: H314, Acute toxicity 1, H400
Allergen; Amyl cinnamal				

For full text of the (H)Phrases indicated by codes see section 16 'Other Information'.

4. FIRST AID MEASURES

4.1. Description of first aid measures

General information:
In case of adverse health effects seek medical advice.
Inhalation:
Move to fresh air. In case of breathing difficulties seek immediate medical advise.
Skin contact:
Rinse with water. Take off all clothing contaminated by the product.
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Eye contact:
Rinse immediately with plenty of running water (for 10 minutes). Seek medical attention if necessary.
Ingestion:
Rinse mouth with water, (only if the person is conscious).
Do not induce vomiting, seek medical advice immediately.

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

After inhalation: Irritation of the respiratory tract, coughing. Inhalation of larger amounts may cause laryngospasm with shortness of breath.
After skin contact: Temporary irritation of the skin (redness, swelling, burning).
After eye contact: Moderate to strong irritation of the eyes (redness, swelling, burning, watering eyes).
After ingestion: Ingestion may cause irritation of mouth, throat, digestive tract, diarrhea and vomiting. Vomit may get into the lungs causing damage (aspiration).

4.3. Indication of any immediate medical attention and special treatment needed

After inhalation: No special action.
After skin contact: No special action.
After eye contact: No special action.
After ingestion: Do not induce vomiting. Single administration of a non-carbonated beverage (water or tea).
After ingestion: In case of ingestion of larger or unknown quantities administer a defoamer (Dimeticon or Simeticon).

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media
Suitable extinguishing media:
Water spray jet (if possible, avoid full jet). Adapt the fire-fighting measures to the environmental conditions.
Commercially available extinguishers are suitable for fighting incipient fires. The product itself does not burn.
Extinguishing media which must not be used for safety reasons:
None
5.2. Special hazards arising from the substance or mixture
Hazardous combustion products can be formed by pyrolysis and/or carbon monoxide.
5.3. Advice for firefighters
Use personal protective equipment and self-contained breathing apparatus.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

If large amounts are released contact the fire service.
Avoid contact with skin and eyes.
Danger of slipping on spilled product.
Ensure adequate ventilation.

6.2. Environmental precautions

Do not empty into drains / surface water / ground water.
6.3. Methods and material for containment and cleaning up
Remove mechanically. Rinse away residue with plenty of water.

6.4. Reference to other sections

See advice in section 8

SECTION 7: HANDLING AND STORAGE

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7.1. Precautions for safe handling

No special measures required if used properly.
Hygiene measures:
Protective equipment only required in case of industrial use or for large packs (not for household packs)
Avoid contact with skin and eyes. Remove soiled or soaked clothing immediately. Wash off any contamination that gets onto the skin with plenty of water, skin care.

7.2. Conditions for safe storage, including any incompatibilities

Store dry at between +5 and +40°C.
Consider national regulations.

7.3. Specific end use(s)

dish washing hand

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTİON

8.1. Control parameters

Recommended Exposure Guidelines: N/A
Engineering Controls: N/A
Personal Protective Equipment (PPE): N/A
Eye/Face Protection: None required with normal household use.
Industrial Setting: For splash protection, use chemical goggles. Eye wash fountain is recommended.

Skin Protection: None required with normal household use.
Industrial Setting: Protective gloves (rubber, neoprene) should be used for prolonged direct contact.
Respiratory Protection: No special precautions for casual exposure.
Ventilation Local Exhaust: None required with normal consumer use. Special: None
Industrial (General): Normal/general dilution ventilation is acceptable. Other: None

9.PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties
The following data apply to the whole mixture.
Appearance; colored clear liquid
Odor ; characteristic
Ph ; (20 °C (68 °F); Conc.: 100 % product; Solvent: None) 7-9,5
Initial boiling point ; Not applicable
Flash point; The product does not support combustion in any way.
Decomposition temperature; Not applicable
Vapour pressure ; Not applicable
Density ; (20 °C (68 °F)) 1,02 g/cm3
Bulk density Not applicable
Viscosity (Brookfield;20 °C (68 °F); speed of rotation: 20 min-1; Spindle No: 63; Conc.: 100 % product; Solvent: None) 1500 - 6000 mPa.s

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity
None if used for intended purpose.
10.2. Chemical stability
Stable under normal conditions of temperature and pressure.
10.3. Possibility of hazardous reactions
See section reactivity
10.4. Conditions to avoid
No decomposition if used according to specifications.
10.5. Incompatible materials
None if used properly.
10.6. Hazardous decomposition products
No decomposition if used according to specifications.

SECTION 11: TOXICOLOGICAL INFORMATION

Acute toxicity: Oral LD50 estimated to be greater than 5000 mg/kg. Dermal LD50 estimated to be > 2000 mg/kg.
Serious eye damage/irritation:

The mixture was classified based on data of similar tested mixtures following the EU Regulation (EC) No 1272/2008 on the classification, labelling and packaging of substances and mixtures, ECHA Guidance on the application of CLP criteria and A.I.S.E. recommendations. Relevant toxicological information on the substances listed under Section 3 is provided in the following.

The product has to be classified as eye irritation category 2 based on experimental data of an OECD 438 Test with a similar mixture.

Target organ effects: None known

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Toxicity (Fish):

Hazardous substances CAS-No.	Value type	Value	Acute Toxicity Study	Exposure time	Species	Method
Alcohols, C12-14, ethoxylated, sulfates, sodium salts 68891-38-3	LC50	7,9 mg/l	Fish	48 h	Leuciscus idus	DIN 38412-15
	NOEC	0,1 mg/l	Fish	28 d	Oncorhynchus mykiss	OECD Guideline 204 (Fish, Prolonged Toxicity Test: 14-day Study)
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-C8-18 acyl derivs., hydroxides, inner salts 97862-59-4	NOEC	0,135 mg/l	Fish	38 d	Salmo gairdneri (new name: Oncorhynchus mykiss)	OECD 210 (fish early lite stage toxicity test)

Toxicity (Daphnia):

Hazardous substances CAS-No.	Value type	Value	Acute Toxicity Study	Exposure time	Species	Method
Alcohols, C12-14, ethoxylated, sulfates, sodium salts 68891-38-3	EC50	79 mg/l	Daphnia	24 h	Daphnia magna	
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-C8-18 acyl derivs., hydroxides, inner salts 97862-59-4	EC50	6,5 mg/l	Daphnia	48 h	Daphnia magna	OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)

Toxicity (Algae):

Hazardous substances CAS-No.	Value type	Value	Acute Toxicity Study	Exposure time	Species	Method
Alcohols, C12-14, ethoxylated, sulfates, sodium salts 68891-38-3	EC50	2,6 mg/l	Algae	96 h	Scenedesmus subspicatus (new name: Desmodesmus subspicatus)	DIN 38412-09

12.2. Persistence and degradability

Hazardous substances CAS-No.	ResultValue	Route of application	Degradability	Method
Alcohols, C12-14, ethoxylated, sulfates, sodium salts 68891-38-3	readily biodegradable	aerobic	88 % EU	Method C.4-E (Determination of the "Ready" BiodegradabilityClosed Bottle Test)
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-C8-18 acyl derivs., hydroxides, inner salts 97862-59-4	readily biodegradable	aerobic	91,6 %	OECD Guideline 301 B (Ready Biodegradability: CO2 Evolution Test)

12.5. Results of PBT and vPvB assessment

This mixture does not contain any substances that are assessed to be a PBT or vPvB.

12.6. Other adverse effects

Other adverse effects of this product for the environment are not known to us.

13.DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods
Product disposal:
Dispose of in accordance with local and national regulations.
Disposal of uncleaned packages:
Only completely empty containers are to be disposed of as recoverable materials.

SECTION 14: TRANSPORT INFORMATION

14.1. UN number

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

14.2. UN proper shipping name

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

14.3. Transport hazard class(es)

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

14.4. Packaging group

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

14.5. Environmental hazards

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

14.6. Special precautions for user

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

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

not applicable

15.REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
Authorisations or restrictions (Regulation (EC) No 1272/2008
15.2. Safety, health and environmental regulations/legislation specific for the substance or mixture

Declaration of ingredients according to Detergent Regulation 648/2004/EC

%15-30, Anyonik aktif madde (anonic active matter), <%5 nonyonik aktif madde (nononic active matter), Methylcihloroisothazolinone , Methylisothazolinone, esans (perfume) , D-Lmonene) (dye)

SECTION 16: OTHER INFORMATION

The labelling of the product is indicated in Section 2. The full text

of all abbreviations indicated by codes in this safety data sheet are as follows:

H302 Harmful if swallowed.

H301 – Toxic if swallowed.

H311 – Toxic in contact with skin.

H331 – Toxic if inhaled.

H314 Causes severe skin burns and eye damage.

H315 Causes skin irritation.

H318 Causes serious eye damage.

H319 Causes serious eye irritation.

H412 Harmful to aquatic life with long lasting effect

H400 – Very toxic to aquatic life.

Further information:

This information is based on our current level of knowledge and relates to the product in the state in which it is delivered. It is intended to describe our products from the point of view of safety requirements and is not intended to guarantee any particular properties.