

Bezbjednosni List

Broj. 29204 od 13 Decembra 2014, "Ministry of Environment and Urbanization of the Republic of Turkey, Regulation on Safety Data Sheets for Hazardous Substances and Mixtures" has been prepared in accordance with the provisions.

Date of Preparation: February 2020

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Revision No: 01

1. Identification of the substance/mixture and of the company/undertaking

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2. HAZARDS IDENTIFICATION

Classification of the substance or mixture :

2.1. mixture Classification (99/45/EC)

Aerosols, hazard category, Flam. Liq. 2, STOT SE 3., Asp. Tox. 1, Aquatic Chronic 2.

2.2. Label Elements (According to Regulation No. 28848 [CLP])

Labelling according to Regulation (EC) No. 1272/2008 [CLP] Hazard pictograms (CLP)



Signal word: : OPASNOST

Hazardous ingredients : acetone, n-butyl acetate

H and P Statements

H222 Highly flammable aerosol.

H229 Pressure box: it may explode if heated

H315 Causes skin irritation.

H336 May cause drowsiness or dizziness.

H361 Suspected of damaging fertility or the unborn child.

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

P102 Keep out of reach of children

P210 Keep away from heat/sparks/open flames/hot surfaces – No smoking

P211 Do not spray on an open flame or other ignition source

P251 Pressurized container – Do not pierce or burn, even after use

P261 Avoid breathing dust/fume/gas/mist/vapours/spray

P273 Avoid release to the environment

P331 Do NOT induce unsettled stomach

P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F

P301+P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician

P271 Use only outdoors or in a well-ventilated area

P281 Use personal protective equipment as required

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

P308+P313 IF exposed or concerned: Get medical advice/attention

P403 Store in a well ventilated place

P501 Dispose of contents/container to an official chemical waste depot.

2.3 Other Hazards

Results of PBT Results and vPvB assessment

PBT : Not Applicable

vPvB : Not Applicabl

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3. COMPOSITION/ INFORMATIONINGREDIENTS

3.2 Chemical characterisation : Mixtures

Description : Mixture of substances listed below with nanhazardous additions

Dangerous components:		
CAS: 67-64-1 EINECS :200-662-2 Index Number : 606-001-00-8 Reg.nr:01-2119471330-49	Acetone Flam.Liq.2,h225 Eye Irrit. 2, h319;STOT SE 3, H336	25-<50 %
CAS: 123-86-4 EINECS :204-658-1 Index Number : 607-025-00-1 Reg.nr:01-2119485493-29	n-butyl acetate Flam.Liq.2,h226 STOT SE 3, H336	12,5-<20 %
CAS: 115-10-6 EINECS :204-065-8 Index Number : 603-019-00-8 Reg.nr:01-2119472128-37	dimethyl ether Flam.Gas 1,H220 Press. Gas C, H280	12,5-<20 %
CAS: 74-98-6 EINECS :200-827-9 Index Number : 601-003-00-5 Reg.nr:01-2119486944-21	propane Flam.Gas 1,H220 Press. Gas C, H280	12,5-<20 %
CAS: 106-97-8 EINECS :203-448-7 Index Number : 601-004-00-0 Reg.nr:01-2119474691-32	butane Flam.Gas 1,H220 Press. Gas C, H280	5,00-<10 %
CAS: 75-28-5 EINECS :200-857-2 Index Number : 601-004-00-0 Reg.nr:01-2119474691-32	isobutane Flam.Gas 1,H220 Press. Gas C, H280	5,00-<10 %

Please check section 16 for the H Phrases and classification texts

4. FIRST AID MEASURES

General Information	Get medical attention if any discomfort continues.
Inhalation	Remove the patient from danger area. Provide the person with fresh air. Bring to a stable side position and consult a doctor if there is issue of loss of consciousness
Ingestion	Rinse your mouth thoroughly with water. Do not induce vomiting, give plenty of water to drink. Please consult your doctor immediately. In case of vomiting, the head should be kept below.
Skin Contact	Remove all clothing which is contaminated and infected with the agent. Wash thoroughly with plenty of soap. May cause irritation, get medical attention.
Eye Contact	Remove contact lenses. Immediately remove eyelids and wash with plenty water. Get medical attention if irritation persists.

5. FIRE FIGHTING MEASURES

Suitable Extinguishing	CO2, Dry Chemical Powder, Water, alcohol-resistant foam
Explosion Hazardous Chemicals	Explode during the fire. Keep a distance from unprotected people. Under risk containers should be cooled with water. Firefighting should be advised about the existence of aerosol cans.
Special Protective Equipment	In case of fire, wear independent respiratory protective equipment with surrounding air and chemicals.
Additional Information	In case of combustion, carbon dioxide, carbon monoxide and sulfur gas occurs

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6. ACCIDENTAL RELEASE MEASURES

Personal Precautions Equipment	Wear personal protective equipment. Look Section 8. Remove any sources of ignition. Do not smoke. Ensure adequate ventilation. Avoid contact with eyes and skin. Attention to slip hazard.
Environmental Protection Measures	Prevent penetration into the soil, surface and groundwater. Accumulation could be dangerous so that prevents leakage to sewers, basements and pits. In case of accidental leakage into sewers, notify the competent authorities.
Measures for Cleaning / Collecting	Aerosol / gas escapes, ensure ample fresh air. Without adequate ventilation, may explode mixture may occur. Take active ingredient with liquid collects material. Dispose of in Accordance with Section 13.

7. HANDLING AND STORAGE

General Recommendations for Safe Use	Ventilate the space well. Avoid the inhalation of vapor. Keep away from sources of ignition. Do not smoke. If necessary precautions should be taken against static discharges. Do not use on hot surfaces. Avoid contact with eyes and skin. Do not eat, drink, or smoke in the study area. Do not store with food items. Observe directions on label and instructions for use. Use working methods according to operating instructions
Secure Storage Conditions	Keep out of the reach of unauthorized persons. Keep products in their original packaging and only the mouth is closed. Do not store items in gangways or stair. Do not store together with oxidizing agents. Observe special regulations for AEROSOLS prepared. Protect from direct sunlight and temperatures over 50 ° C. Store in a well ventilated area.
Additional Information	Keep out of the reach of children. Classified as flammable gas in storage and transport.

Additional Packing information : Important pressured can. Keep away from direct sunlight. Keep lower than 50 °C. Do not pierce or burn even after use.

Human health hazards: Causes skin irritation. It can lead to lethargy , or dizziness. Prolonged or repeated exposure may cause damage to the central nervous system results . If swallowed and enter airways can be fatal. Possible risk of impaired fertility . Narcotic effect can be exposed to high concentrations of vapor density .

Physical and chemical hazards: Extremely flammable . Keep away from sources of ignition edin.- smoking. Do not spray on a naked flame or incandescent substances . Fire , spray next to heat sources or electrical devices running . When exposed to temperatures above 50 ° C the aerosol may explode due to internal pressure buildup

Environmental Hazards: Toxic to aquatic life with long-term lasting effect.

Other information : Keep out of reach of children . Wear suitable protective clothing and gloves

Caution: Do not inhale the spray. Use only in well- ventilated areas . Spray only at short intervals for a short time . Ventilate well after use. It is harmful to domestic animals .

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Protection Equipment:



Ventilation	Ensure good ventilation in the work area. This can be achieved by local suction or general air extraction. If this is insufficient to maintain the concentration under the WEL or AGW values, suitable breathing protection should be worn.
Breath Protection	Special equipment is not necessary in well ventilated area. In poorly ventilated areas, use an artificial respirator.
Hand Protection	Avoid from direct contact. Wear solvent resistant protective gloves (Nitrile gloves- EN 374)
Eye Protection	Tight fitting protective goggles with side protection. (EN 166)

9. PHYSICAL AND CHEMICAL PROPERTIES

Other Protection	Aerosol
Colour	Pigment Colour
Odour	Solvent Odour
Flash Point (°C) (min)	75 C°
Boiling Point (°C) (min)	Not determined
Density (g/cm3)	0,65 - 0,75 g/ml
pH	Not determined
Vapour Pressure (20°C) Bar	Not determined
Vapour Density	Not determined

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10. STABILITY AND REACTIVITY

Stability	Stabil under normal temperature.
Conditions to Avoid	When exposed to heat in excess of + 50 ° C shows the decomposition hazard.
Hazardous Decomposition Products	May be.

11. TOXICOLOGICAL INFORMATION

Swallowing	Mouth , esophagus and gastric mucosa can lead to necrosis combustion . rapid administration of oxygen can cause stomach swelling.
Contact with skin	Prolonged and repeated contact with skin may cause allergic reactions. in direct contact with sensitive skin , wash thoroughly with soap and water .
Contact with Eye	It may cause irritation
Additional toxicological information	Breathe vapors can irritate the mucous membranes in the respiratory tract . Cough, causes breathing difficulties and headaches .





12. ECOLOGICAL INFORMATION

Ekotoxity	Long-term ecological studies have not been conducted for this product . Sewage , dispose of the waste water treatment plant effluent water drainage systems .
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13. DISPOSAL CONSIDERATION


Disposal Methods	Take aerosol cans to the private waste collectors that are still full. Take your empty aerosol cans for recycling. Do not cut, weld and drill uncleaned can.
European Waste Catalogue	Hazardous waste 2000/532 / EC as part of a waste code according to Commission Decision 91/689 / EEC must be disposed of in accordance with Directive to an official chemical waste depot .
Local Regulation	The prevailing regional disposal of waste should be in accordance with national and local laws and regulations. Local regulations may be more stringent than regional or national requirements and must be adhered to them.

14. TRANSPORT INFORMATION

UN Number: 1950		
Transport by Road/by Rail (ADR/RID)		
UN proper shipping name (UN=United Nations) UN 1950 AEROSOLS		
Class	2.1	 
Classiification Code	5F	
UN-Number	1950	
Packing Group	II	
Environmental Hazards	Environmentally Hazardous	
Risk Number	23	
Tunnel Restriction Code	D	
Transport By Sea (IMDG-Code)		
UN proper shipping name (UN=United Nations) AEROSOLS		
Class	2.1	 
Flash Point	75 c°	
Packing Group	II	
EMS Number	F-D, S-U	
Environmental Hazards	yes	
Marine Pollutant		

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Transport by Air(IATA) UN proper shipping name (UN=United Nations) AEROSOLS, FLAMMABLE		
Class	2.1	
Packing Group	II	
Environmental Hazards	Not Applicable	

15. REGULATORY INFORMATION

Classification according to Directives **1272/2008 (SEA) (EU)** and 1999/45/EC (including amendments)

16. OTHER INFORMATION

R PHRASE	
R11	Highly flammable
R20/21	Harmful by inhalation and in contact with skin.
R36/37/38	Irritating to eyes, respiratory system and skin.
R40	Limited evidence of a carcinogenic effect.
R48/20	Harmful: danger of serious damage to health by prolonged exposure through inhalation.
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R65	Harmful: may cause lung damage if swallowed.
R67	Vapours may cause drowsiness and dizziness.

H PHRASE	
H225	Highly flammable liquid and vapour
H304	May be fatal if swallowed and enters airways
H312	Harmful in contact with skin
H315	Causes skin irritation
H317	May cause an allergic skin reaction
H319	Causes serious eye irritation
H332	Harmful if inhaled
H336	May cause drowsiness or dizziness
H351	Suspected of causing cancer
H361	Suspected of damaging fertility or the unborn child
H373	May cause damage to organs through prolonged or repeated exposure

Full text of classifications (Part 3)



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Abbreviations:

ATE	Acute toxicity estimate
BCF	Bioconcentration factor
DNEL	Derived No-Effect level substance
IBC kodu	International chemical spill code
PBT	Persistent, Bioaccumulative and Toxic
PC	Chemical product category
PNEC	Predicted effect concentrations
STP	Waste water treatment plants
SU	Used sector
ZAO/KSMS	Time weighted average/short term exposure limit vPvB
K.S.	Short term
U.S.	Long term

Prepared from TSE certificated personel.