EQUINOX

PRODUCT SAFETY DATASHEET
HOT MET
Release date: *13.09.2018* ***Revision date/No.-***
Safety Information Form No: *GBF.302*

This Safety Data Sheet prepared in accordance with "Regulation of safety data sheets related harmful items and mixtures" published in the Official Gazette dated 13.12.2014 and numbered 29204.

PART 1. INTRODUCTION OF THE COMPANY/MATERIAL AND MIXTURE

1.1. Identification of the substance / preparation

Product name *: HOT MET*
Chemical Family *: Mixture*
Cas No *: No*

1.2. Use of the matter/preparation

ALKALINE OIL REMOVER

1.3. Promotion of company

Name of the Company *: KRL KİMYA SANAYİ VE TİCARET LTD. ŞTİ.*
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PART 2. IDENTIFICATION OF HARMFULLNESS

2.1. Classification of Substance or Mixture

2.1.1. Hazard Classification (RG.11.12.2013-28848)

Skin eraser 1A;H314*: Cause to serious Skin burns and eye damage.*

2.1.1. Hazard Classification

(RG.26.12.2008-27092)
C,R35*: Cause to serious burns*

2.2. Label Elements
2.2.1. Tags (RG.11.12.2013-28848)

The product is classified and labeled by SEA Regulation.

Hazard Signs: ***GHS05***

Warning: ***Danger***
Containing Sodium Hydroxide

Hazard statements:

H290: *Damage metal surfaces*
H314: *Cause to serious skin burns and eye damage.*



2.3. Other losses: No

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REMARKS:



P101 : *If you need medical advice keep packaging and label.*

P262 : *Keep away from eyes, skin and clothes.*

P280 :*Use protective gloves| protective clothing| eye protector | face protector.*

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

P303+361+P353**:** *IN CONTACT WITH HAIR (or skin) rinse your skin|hair with water|shower. Remove your contaminated clothing immediately*

P305+P351+P338 : *IN CONTACT WITH EYE*: rinse with water for a few minutes. Remove contact lenses if it is easy to do. Keep rinse.

P337+P313 **:** *If the eye irritation is permanent*: *take a medical help.*

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PART 3. COMPOSITION / INFORMATION ABOUT THE CONTENTS

3.1. Materials

3.2. Mixtures

Dangerous Components

Madde Adı	***% Derişim***	***Cas No***	***EC No***	***SEA*** *RG.11.12.2013-28848*	***TMMY*** *RG.26.12.2008-27092*
				Sınıfı , H İfadeleri *	***Sınıfı, R İfadeleri ****
Sodium Metasilicate	*% 20-30*	*10213-79-3*	*229-912-9*	*Skin Abr.1B H314* *BHOT Sing Exp.3*	*C; R34,* *Xi; R37*
Alkaline Material *(Sodium Hydroxide*	*>% 30*	*1310-73-2*	*215-185-5*	*Skin Abr. 1A:H314*	*C , R35*
Sodium carbonate	*% 20-30*	*497-19-8*	207-838-8	*BHOT Sing. Exp 3:H335* *Cilt Tah.2: H315* *Göz Hsr.1: H318*	*Xi; R37,* *R38,* *R41*

**stands for H and R are given in Chapter 16.*

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PART4. FIRST AID MEASURES



Keep away from eyes. If product gets into eyes rinse thoroughly with water.

4.1. Description of first aid measures

In contact with eyes : *Rinse immediately with plenty of water and*

keep the bottom and top covers open.Check, seek medical advice in case of irritation.

In contact with skin : *Wash the deeply contacted area with plenty of water. Remove contaminated clothes and shoes. In the event of symptoms seek medical advice.*



People with sensitive or damaged skin should avoid prolonged contact with the product.

In case of ingestion : *Wash the mouth by rinsing with water. If the substance is ingested and exposed, if there is no loss of consciousness in the remaining person, drink water. Do not induce vomiting unless specifically instructed by medical personnel. In the event of symptoms seek medical advice.*

In Case of Inhalation: *If you are inhaled for a long time out into the open air. If you have respiratory distress, give oxygen. Call a doctor.*

4.2. Rapid and Delayed Significant Signs and Effects:

There is no other important information.



Do not ingest. If product is ingested then seek medical advice.

4.3. First Signs for Medical Intervention and Special Treatment Needs:

There is no other important information.

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PART 5. FIRE FIGHTING MEASURES

5.1. Fire extinguishers

Water spray, , foam to cool containers exposed to fire.

5.2. Special Losses from Matter and Mixture

It is not flammable. No special damages.

5.3. Recommendations for Fire Extinguishing Squad

Full protective clothing including full face masks or protective goggles and a portable breathing apparatus should be used.

PART 6. ACCIDENTAL RELEASE MEASURES

6.1. Personal Precautions, Protective Equipment and Emergency Procedures

Use adequate personal protective equipment.(Part 8) Prevent eye and skin contact.

6.2. Environmental Precautions

Prevent it from spreading and entering the area.

6.3. Methods and Materials for Conservation and Cleaning

Absorb spillages in an inert material (ex: dry sand, sawdust, soil) and put chemicals in waste containers. Wash the spill area with plenty of water so that it does not become slippery.

PART 7. HANDLING AND STORAGE

7.1. Precautions for Safe Handling

It should never be mixed with acidic products during use. There is a gas out of the reaction and in case of inhalation, it is dangerous.

7.2. Conditions for Secure Storage Including Conflicts

Please be kept sealed. Contact with acidic compounds should be avoided.

7.3. Specific Recent Uses

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There is no other important information.

PART 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1. Control Parameters *: Data not available.*

8.2. Exposure Controls

8.2.1. Appropriate Engineering Controls ***:*** *Not relevant.*

8.2.2. Personal Protective Equipment

It is corrosive to eyes and skin. Since it is used with automatic dosing pumps, there is no contact. In case of any container change or contact-protective gloves, goggles should be used.

Irritates hands;

Use protective gloves.

(According to standard EN 374)



Eye contact is inconvenient;

Use protective goggles.



PART 9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Basic Physical and Chemical Properties

Physical State ***: Liquid***

Color ***: Brown / Transparent***

Odor ***: Has Itself***

Ph (10% solution) ***: 12-13***

Flash Point ***: Not flammable.***

Density ***: 1,1 ± 0,02 gr / cm3***

Solubility ***: Soluble in water.***

9.2. Other information ***:*** *No further information is available.*

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PART 10. STABILITY AND REACTION

10.1 Reaction ***:*** *The product does not enter the dangerous reaction.*

10.2. Chemical Stability *: Stable and homogeny under normal ambient conditions.*

10.3. Hazardous Decomposition ***:*** *Not relevant.*

10.4. Conditions to Avoid *: Not relevant.*

10.5. Substances to Avoid *: Acidic Materials*

10.6. Harmful Degradation Products *:Not relevant.*

PART 11. TOXICOLOGICAL INFORMATION

11.1. Information on Toxic Effects

Ingestion: *Mouth, throat, stomach burns, nausea, vomiting and gastrointestinal system piercing and burning may occur.*

Eye contact *: Causes serious eye damage.*

Skin Contact *: Causes skin burns and irritations.*

Inhalation ***:*** *Causes irritation in the respiratory system (Do not expose to hot steam for a long time.)*

PART 12. ECOLOGICAL INFORMATION

12.1. Neutralization possible in toxicity facility

: Even if diluted, it may have an abrasive effect. Waste water treatment

12.2. Persistence and Degradability *: Data not available.*

12.3. Bio-potential *: Data not available.*

12.4. Mobility in Soil *: Avoid spilling around . Because of its alkaline content it can be harmful to aquatic life even at low concentrations. It must be neutralized before discharging. It could damage the plant cover.*

12.5. Results of PBT and vPvB evaluation *: Data not available.*

12.6. Other Disadvantages ***:*** *Data not available.*

PART 13. DISPOSAL INFORMATION

13.1. Waste Processing Methods

The wastewater treatment system should be diluted with water and neutralized. It must be disposed of in accordance with official regulations. Use caution when using empty containers that are not cleaned or shaken. Avoid spillage of material spills, runoff, and contact with sewer lines.

PART 14. TRANSPORT INFORMATION

14.1. UN Number
ADR, IMDG, IATA ***:*** *There is no special transportation condition, because the product is not in danger class.*

14.2. Proper UN Transport Name

ADR *There is no special transportation condition, because*

IMDG, IATA *the product is not in danger class.*

14.3. Transport Harmfulness Class (s)

ADR, IMDG, IATA

Class ***:*** *Not relevant*

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14.4. Packing Group ***: Not relevant***

14.5. Environmental Hazards ***: None.***

14.6. Special Precautions for the User

Danger Number ***: Not relevant***

Tunnel Restriction Code ***: Not relevant***

DGR Passenger Aircraft ***: Not relevant***

DGR Cargo Aircraft ***: Not relevant***

14.7. According to MARPOL 73/78 annex II and IBC code public transport: Not applicable.

PART 15. REGULATORY INFORMATION

15.1 Private Safety, Health and Environment Legislation for a Substance or Mixture Product Safety Information Form;

1) *Regulation on Safety Data Sheets on Hazardous Substances and Mixtures (13.12.2014 R.G. No. 29204)*
2) *2) Regulation on Classification, Labeling and Packing of Materials and Mixtures (11.12.2013 R.G. No. 28848)*
3) *Regulation on the Transportation of Dangerous Goods by Land (24.10.2013 R.G. No. 28801).*

   Product are prepared, labeled and packed according to COMMUNIQUE ON PRODUCTION, IMPORTS, MARKET SURVEILLANCE AND CONTROL AND THE NOTIFICATION OF THE CLEANING PRODUCTS CONTAINING STRONG ACID OR BASE.

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PART 16. OTHER INFORMATION

Information contained in this safety data sheet is prepared to explain the health and safety requirements to our customers according to our knowledge, experience earned during research.

The seller does not assume any legal responsibility for the use of the product. Users must use the products within the limits of the law and assume the responsibility. Usage information is only relevant to the product being described, mixing with other products or explanations in other products may produce undesirable results.

R and H Risk Definition Codes for Raw Materials Listed in PART 3

R11	***: Highly flammable.***
R 22	***: Harmful if swallowed.***
R 41	***: Eyes and skin irritant.***
H 225	***: Highly flammable liquid vapor.***
H 302	***: Harmful if swallowed.***
H 318	***: Causes serious eye irritation.***

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