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It has been prepared in accordance with the Regulation on Registration, Evaluation, Authorization and Restriction of Chemicals (Official Gazette No. 23.06.2017-30105)

1: Identity of the Substance/Mixture and the Company/Distributor

1.1 Identity of the substance/mixture

Product name : **GLASS WATER -20**

1.2. Identified Uses of the Substance or Mixture and Uses Advised

Recommended Area of Use: Used as vehicle windshield fluid.

1.3. Safety Data Sheet Supplier Information

Manufacturer/Supplier: **Parkim Gres Industrial Oils San. And Trade. Inc.**

Address: İnönü Mahallesi Gebze Plastikçılar OSB Mahallesi 32. Sk . No: 11 41400 Gebze / Kocaeli

Telephone: +90 262 206 01 01 Email: www.raschlubricant.com

Fax : +90 262 01 02

1.4. Emergency Phone Number

National Poison Information Center (UZEM): 114

2: Hazard Identification

2.1. Classification of substance or mixture

- the "Regulation on Classification, Labeling and Packaging of Substances and Mixtures " , CLP and EU directives 1272/2008/EC.
- Eye Taht . 2; H319

2.2.1 Harmfulness Statement

- H319: Causes severe eye irritation.**

2.2.2. Prevention

P101: If medical advice is required, retain the packaging or label.

P102: Keep out of the reach of children.

P103: Read label before use.

P264: Wash thoroughly with soapy water after handling.

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



2.2.3. Intervention

P302+P352 IF ON SKIN: Wash with plenty of soap and water.
P332+P313 If skin irritation occurs: Get medical advice/attention.
P362 Take off contaminated clothing and wash before reuse.

2.2.4. Statement of Additional Hazard Information

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2.3. Other Damages

It does not exist under normal conditions.

3. Information on Composition/Ingredients

3.1. mixes

Substance name	Cas No.	EC Number	Ratio(%)	Classification
Methyl alcohol	67-56-1	200-659-6	20-30%	Flame Liquid 2 ; H225 Acute Tox. 3*; H331 Acute Tox. 3 * ; H311 Acute Tox. 3* ; H301 STOT Tech.Mrz. one ; H370 STOT Tech.Mrz.1; H370: C ≥ 10% STOT Tech.Mrz.2 ; H371: 3% ≤ C ≥ 10%

Notes: Not Specified / **M- Factor :** Not Specified / **Specific Concentration Limits:** Not Specified

3.1.1 Additional Warnings

All hazard statements on the subject are given in Chapter 16.

4. First Aid Measures

4.1.1. General First Aid Measures

In case of an emergency, show this safety data sheet and consult a doctor. Do not give anything by mouth to an unconscious victim.

4.1.2. After Inhalation

In case of product exposure, remove the victim to fresh air and place him/her in a resting position. If breathing is difficult, give oxygen or artificial respiration. Keep the airway open. Seek medical attention immediately.

4.1.3. After Skin Contact

Remove contaminated clothing immediately and wash skin with plenty of soapy water. Wash contaminated clothing before reuse. If skin irritation persists, seek medical advice immediately.

4.1.4. After Eye Contact

Immediately flush the eyes with clean water for at least 15 minutes. Keep the eyelids open and occasionally lift the upper and lower lids to ensure that all parts of the eye are thoroughly washed. Remove any contact lenses. Do not rub the eye. Seek help from an ophthalmologist immediately.

4.1.5. After Ingestion

Do not induce vomiting in the victim. If the patient vomits, keep the airway open. Rinse the victim's mouth thoroughly with water. Seek medical attention immediately.

4.2. First Signs for Medical Intervention and Specialized Treatment

Intervene according to symptoms

5. Fire Fighting Measures

5.1. Fire Extinguishers

5.1.1. Suitable extinguishing agents

In case of fire, use: Sprayed water or water mist - Foam - All-purpose ABC powder - Carbon dioxide (CO₂)

5.1.2. Unsuitable extinguishing agents

In case of a fire, do not use: Water jet

5.2. Special Hazards Arising from the Substance or Mixture

5.2.1. Combustion related damages

When the product burns, it can release harmful gases such as Carbon dioxide (CO₂) and Carbon monoxide (CO).

5.2.2. Explosion hazards

Vapors may form an explosive mixture with air.

5.3. RECOMMENDATIONS FOR FIRE-FIGHTING TEAMS

Personnel in charge during fire fighting must wear respirators and chemical protective clothing.

5.3.1. Fire Fighting Instructions

Cool tanks and product packaging with water spray. Heating will increase pressure and cause an explosion. Use caution when responding to any chemical fire.

5.3.2. Protective Equipment for Fire Fighting Personnel

Personnel in charge during fire fighting should wear a HIOSH-approved scuba positive pressure respirator with full face mask, completely independent from the surrounding air, and chemical and heat resistant clothing covering the whole body.

5.4. Other Information

Avoid polluting the environment by using more fire extinguisher than necessary. Fire-fighting residues should not be allowed to reach sewers and groundwater.

6. Precautions against Accidental Spillover

6.1. Personal, Protective Equipment and Emergency Procedures

Exposure control and personal protective measures as detailed in Section 8. Avoid skin and eye contact. Keep the area well ventilated. Avoid inhalation of dust/fume/gas/mist/vapor/spray.

6.1.1. For non-emergency personnel

Use appropriate protective equipment to prevent contamination of skin, eyes and personal clothing. See section 8 of this form. Consult a specialist for emergency procedures. Evacuate the accident site. Use personal protective equipment. Make sure there is good ventilation. Do not contact or touch the product until all safety precautions have been thoroughly read and understood.

6.1.2. For emergency responders

Wear suitable protective clothing, rubber boots, sturdy rubber gloves and eye/face protection. Wear protective equipment. Keep unprotected persons away. Make sure there is good ventilation. Remove unrelated personnel, evacuate the area.

6.2. Environmental Precautions

Improper discharge into the environment may cause soil and water contamination. Prevent any contamination of sewage/surface water/groundwater. In case of mixing with water or sewage, notify the competent authorities and inform the authorities.

6.3. Methods and Materials for Preservation and Cleaning

6.3.1. Recommendations on Spill Containment

Absorb spillage with inert absorbent material (sand, soil, vermiculite, diatomaceous earth). Recovery of the spilled product should be carried out by specialized personnel. Isolate the area where the material has spilled.

6.3.2. Recommendations on Spill Cleanup

Collect spillage in suitable closed containers for recovery or disposal. Dispose of spillage according to local regulations.

6.4. References to Other Sections

Information on safety handling is given in Section 7. Information on personal protective equipment is given in Section 8. Information on disposal should be taken from Section 13.

7. Handling and Storage

7.1. PRECAUTIONS FOR SAFE HANDLING

Care should be taken to plan working procedures and take organizational measures in accordance with Article 7 of the Regulation on Health and Safety Measures in Working with Chemical Substances published in the Official Gazette dated 12.8.2013 and numbered 28733 and Article 7 of the Regulation on Health and Safety Measures in Working with Carcinogenic or Mutagenic Substances published in the Official Gazette dated 6.8.2013 and numbered 28730 regarding the measures to be taken in workplaces and workplaces where dangerous chemicals are used to ensure the protection of health, safety and the environment. Industrial hygiene standards must be followed to prevent ingestion, contact with eyes and skin during the use of chemicals. Wash your hands with plenty of water and soapy water after work. Ensure that there is good ventilation in the workplace. Smoking, eating and drinking should be prohibited in the application area.

7.1.1. Warnings for Safe Handling

Keep fire fighting equipment ready.

7.1.2. Environmental Warnings

Prevent mixing with sewage/surface water/groundwater. In case of mixing with water or sewage, notify the competent authorities and inform the authorities.

7.1.3. Recommendations on General Occupational Hygiene

Industrial hygiene standards must be followed to prevent ingestion, contact with eyes and skin during the use of chemicals. Wash your hands with plenty of water and soap after work. Ensure that there is good ventilation in the workplace. Smoking, eating and drinking should be prohibited in the application area. Contaminated clothing and protective equipment must be removed before entering food areas.

7.2. CONDITIONS FOR SAFE STORAGE, INCLUDING DISPUTES

7.2.1. Storage Conditions

The tank should be cleaned regularly, ventilation, temperature and humidity should be checked regularly. Keep away from food, beverages and animal feeding areas. Keep away from sunlight. Follow the general rules for storing chemicals. Store in a cool and dry place at room temperature. Keep packages closed when not in use. All equipment must be earthed.

7.3. SPECIFIC END USES

No information available.

8. Exposure Controls/Personal Protection

8.1. CONTROL PARAMETERS

8.1.1. Occupational Exposure Limit Values

8.1.1.1. According to the Regulation on Health and Safety Measures at Work with Chemical Substances

Exposure Limit Values

8.1.1.2. Occupational Exposure Limit Values According to the Regulation on Health and Safety Measures for Work with Carcinogenic or Mutagenic Substances

No Information

8.1.1.3. Other Occupational Exposure Limit Values

No Information

8.1.1.4. Biological Limit Values According to the Regulation on Health and Safety Measures at Work with Chemical Substances

No Information

8.1.1.5. Other Biological Limit Values

No Information

8.1.2. Occupational Exposure Limit Values and/or Biological Limit Values Applicable to Air Pollutants If Air Pollutants Occur During the Use of the Substance or Mixture as Intended

No Information

8.1.3. Where the Control Band Approach is Used to Decide on Risk Management Measures for Specific Uses, Sufficient Information to Ensure Effective Management of Risk and the Context and Limitations of Specific Control Band Recommendation

No Information

8.2. EXPOSURE CONTROLS

Equipment and appropriate protection methods to be used where personal protection is required, in accordance with the "Regulation on the Use of Personal Protective Equipment in Workplaces" dated 02.07.2013 and numbered 28695 and the "Personal Protective Equipment Regulation" dated 29/11/2006 and numbered 26361. has been defined. Make sure that personal protective equipment is used in accordance with the relevant regulations and conditions.

8.2.1. Appropriate Engineering Controls

To prevent the risk of exceeding the product occupational exposure limit values, where appropriate, the employer; According to the "Regulation on Health and Safety Precautions in Working with Carcinogenic and Mutagen Substances", carry out studies that will enable workers to make risk assessments regarding the safety and health of workers arising from the substance or mixture, in accordance with the "Regulation on Health and Safety Precautions in Working with Chemical Substances". The recommendations given here are general guidelines for the use of this substance. Because specific work environments and material handling practices may vary, safety rules must be developed for each application. To prevent the risk of exceeding the product's occupational exposure limit values, ensure that the working environment is well ventilated and cleaned. In required areas, install the air filtration system in accordance with NIOSH⁹ and CEN¹⁰ systems. Design the area of use to prevent the product from contaminating the environment. Check out Chapter 7.

8.2.2. Individual Protective Measures (Personal Protective Equipment/Hardware)

Use EN and NIOSH approved equipment.

8.2.2.1. General Protection and Hygiene Measures

Personnel who use this substance, who are at the workplace where the substance is located for maintenance and repair, and who are responsible for the storage, handling and waste disposal of the substance must be trained. General rules should be followed when working with chemicals. Use only in well-ventilated areas. Avoid eye and skin contact. Keep away from food, beverages and animal feed. Immediately remove contaminated or contaminated clothing. Do not take contaminated clothing out of the workplace. Wash your hands at the end of work and after breaks from work. Do not eat or drink any food while using this substance. Make sure the eye wash and safety body shower are easily accessible.

**8.2.2.2. Eye/Face Protection**

In areas where there is a high risk of splashing, use well-fitting safety glasses with side protectors that comply with NIOSH (USA) or EN (EU) standards. Do not use contact lenses.

8.2.2.3. Skin Protection**8.2.2.3.1. Hand Protection**

To prevent skin contact, use only chemical-resistant gloves. The exact perforation time must be obtained from the manufacturer and these periods must be adhered to.

8.2.2.3.2. Body Protection

Wear long-sleeved and long-legged protective clothing and shoes that are chemically resistant, dustproof and liquid-proof and fit tightly around the body.

8.2.2.4. Respiratory Precautions _

When using the product, use respiratory protection that complies with regulations and standards. Use respirators and equipment that have been tested and approved according to relevant official standards such as NIOSH (USA) or CEN (EU).

8.2.2.5. Thermal Damages

When specifying clothing protective equipment for thermally hazardous materials, pay special attention to the structure of personal protective equipment.

8.2.3. Environmental Exposure Controls

Obligations within the framework of current legislation for the protection of the environment must be fully fulfilled.

9. Physical and Chemical Properties

Features	Unit	Values	Method
Density, 20 °C	g / cm ³	1.110-1.130	ASTM D 5002
Appearance		Liquid	
Colour		Blue	
pH	-	7.5 – 11.0	ASTM D 1287

10. Stability and Reaction

10.1. Reaction

10.2. Chemical stability

Stability: No specific stability status.

10.3. Possibility of harmful reactions

10.4. Situations to avoid

Conditions to avoid Avoid heat, flame and other sources of ignition.

10.5. Substances to avoid

10.6. Hazardous decomposition products

Hazardous decomposition products Carbon oxides. When the concentration of dust in the air exceeds 10 mg/m³, protection against irritating dust should be provided.

11. Toxicological Information

11.1. Information on toxic effects

Inhalation: High concentrations of gas or vapor may irritate the respiratory system. Following overexposure, the following symptoms may occur: Coughing.

Ingestion: Gastrointestinal symptoms, including upset stomach.

Skin contact: Repeated exposure may cause dryness and cracking of the skin. Irritating to skin.

Eye contact: Irritating to eyes. Following overexposure, the following symptoms may occur: Redness. Pain.

12. Ecological Information

Ecotoxicity: The product is not expected to be hazardous to the environment.

12.1. Toxicity

12.2. Persistence and degradability

12.3. Bioaccumulation potential

12.4. Mobility in soil

Mobility: The product is soluble in water.

12.5. Results of PBT and vPvB assessment

12.6. Other negative impacts

13. Disposal Information

13.1 Waste treatment methods

Waste should be treated as controlled waste. Dispose of waste at a licensed waste disposal facility in accordance with the requirements of your local Waste Disposal Authority. The packaging must be empty (so that no residue drips out when turned upside down). Do not puncture or burn containers, even if empty.

Waste treatment methods : Absorb with vermiculite , dry sand or soil and place in containers. Dispose of waste with the help of a licensed waste disposal company. Due to the danger of explosion, containers must be thoroughly emptied before disposal. Empty containers should not be punctured or burned due to the danger of explosion.

14. Transportation Information

14.1	UN number	-
14.2	UN proper shipping name	-
14.3	Transport hazard class(es)	-
14.4	Packaging group	-
14.5	Environmental damages	-
14.6	Special precautions for the user	-
14.7	MARPOL 73/78 annex II and IBC (public transport according to code)	-

15. Legislation Information

15.1. Special safety, health and environmental legislation for the substance or mixture

- Labeling is in accordance with Regulation (EC) No 1272/2008: The product is classified and labeled according to CLP regulation.
- Directive 2012/18/EU: Named dangerous substances - substances listed in Annex I.
- National regulations: The product shall be labeled in accordance with the current version of the regulations on dangerous substances

16. Other Information

Main literature references and sources of information

This SDS has been prepared based on the information received from our raw material suppliers.

Explanations about revision

Revised classification.

All hazard statements

H225: Highly flammable liquid and vapour.

H319: Causes serious eye irritation.

H336 : May cause drowsiness or dizziness.

16.2. Classification Methods: -

16.3. Relevant hazard statements, explanations of precautionary statements

H Expressions

H302: Harmful if swallowed

H361 d: Suspected of causing harm to the unborn child.

H373 : May cause damage to organs through prolonged or repeated exposure.

H373 : May cause damage to organs through prolonged or repeated exposure if swallowed.

P Expressions

P102 : Keep out of reach of children.

P401: Protect from sunlight. Store in a closed area, away from damp and humid environments.

P501: Dispose of contents/container by sending to waste collection centre.

**This safety data sheet has been prepared in light of the information available at the time it was written. It is the user's responsibility to comply with all applicable laws and regulations and all necessary precautions regarding the use of the product.

17. Legal Information

This safety data sheet has been prepared in light of the information available at the time it was written. It is the user's responsibility to comply with all applicable laws and regulations and all necessary precautions regarding the use of the product. It cannot be stated or guaranteed, directly or indirectly, that the data in this information sheet is correct or complete. The recommendations given are valid when this product is used for its specified applications. Our institution will not be responsible for any material damage or injuries that may arise from users' use of the product other than the specified one, failure to comply with the recommendations, or risks inherent in the material. This product should not be used for any purpose other than the specified applications without consulting us. Those who purchase this product to give and/or give it to third parties who will use it are responsible for passing on the information in this form to those who will use the product. Employers are obliged to explain the risks described in this form or the precautions to be taken to their workers and others who may be affected.