



# MATERIAL SAFETY DATA SHEET

Product name	POWERPLUS SUPER HVI 22
Preparation Date	20.06.2016
Revision Date	08.07.2019
MSDS No	
Sheet	7

## 1. Chemical product and Company Identification

**Product Name:** POWERPLUS SUPER HVI 22

**Company Name:** SKOR PETROKİMYA ÜRÜNLERİ SANAYİ VE TİCARET ANONİM ŞİRKETİ

**Manufacturer Address :** Aydınlı Kosb mah.Kristal cad.No :18 Tuzla / İstanbul

**Manufacturer Phone Number :** 0 (216) 504-0508

## 2.Hazards identification

**Physical state** Liquid.

**Colour :**Yellow

**Emergency overview**

### 2.1. Classification of the substance or mixture

**Classification (EC 1272/2008)**

**Physical hazards** Not Classified

**Health hazards** Not Classified

**Environmental hazards** Not Classified

### 2.2. Label elements

**Hazard statements** NC Not Classifi

## 3. Composition/information on ingredients

Chemical name	Cas No	EC No	Concentration(%)	Classification
Lubricating oils (petroleum), C20-50, hydrotreated neutral oilbased	72623-87-1	276-738-4	15-80	Asp. Tox.1,H304
Poly long-chain alkyl methacrylate	Proprietary	-	1-5	Eye Irrit.2,H319
Methacrylate copolymer	Proprietary	-	0,1-0,3	Eye Irrit.2,H319
Alkyl Methacrylate	Proprietary	-	0,1-0,3	Skin Irrit. 2,H315 Eye Irrit.2,H319 STOT SE 3,H335 Skin Sens. 1, H317 Aquatic Acute 1, H400 Aquatic Chronic 1, H410

#### Composition comments

Some substances are not classified by legislation.They are self classified by the manufacturer. The DMSO extract by IP 346 of the oil is less than 3%

## 4. First Aid Measures

### 4.1. Description of first aid measures

**General information** Get medical attention if any discomfort continues.

**Inhalation** : Move affected person to fresh air at once. Rinse nose and mouth with water. Get medical attention if any discomfort continues.

**Ingestion** : Never give anything by mouth to an unconscious person. Do not induce vomiting. Rinse mouth thoroughly with water. Get medical attention if any discomfort continues.

**Skin contact** :Remove affected person from source of contamination. Remove contaminated clothing. Wash skin thoroughly with soap and water. Get medical attention if any discomfort continues.

**Eye contact** : Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues

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

**Inhalation** :No specific symptoms known.

**Ingestion** :No specific symptoms known. **Skin**

**contact** :No specific symptoms known. **Eye**

**contact** : No specific symptoms known

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

**Notes for the doctor** :No specific treatment. Treat symptomatically.

Extinguishing media

## 5. Fire-fighting Measures

**Suitable extinguishing media** :The product is not flammable. Extinguish with the following media: Foam, carbon dioxide or dry powder.

**Unsuitable extinguishing media** :Do not use the following: Water.

### 5.1. Special hazards arising from the substance or mixture

**Specific hazards** : Protection against nuisance dust must be used when the airborne concentration exceeds 10 mg/m<sup>3</sup>. Oxides of carbon. Oxides of nitrogen.

### 5.2. Advice for firefighters

**Protective actions during firefighting** : Avoid breathing fire gases or vapours. Control run-off water by containing and keeping it out of sewers and watercourses.

**Special protective equipment for firefighters** :Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

## 6. Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

**Personal precautions** : Wear protective clothing as described in Section 8 of this safety data sheet.

### 6.2. Environmental precautions

**Environmental precautions** : Do not discharge into drains or watercourses or onto the ground.

### 6.3. Methods and material for containment and cleaning up

**Methods for cleaning up** : Stop leak if possible without risk. Absorb in vermiculite, dry sand or earth and place into containers. Flush contaminated area with plenty of water. Avoid the spillage or runoff entering drains, sewers or watercourses.

### 6.4. Reference to other sections

## 7. Handling and Storage

### 7.1. Precautions for safe handling

**Usage precautions** : Avoid spilling. Avoid contact with skin and eyes.

### 7.2. Conditions for safe storage, including any incompatibilities

**Storage precautions** :Store in tightly-closed, original container in a dry, cool and well-ventilated place.

### 7.3. Specific end use(s)

**Specific end use(s)**: The identified uses for this product are detailed in Section 1.2.

## 8. Exposure controls/personal protection



**Control Measures:** Provide exhaust ventilation or other engineering controls to keep the relevant airborne concentrations below their respective occupational exposure limits. Ensure that eyewash stations and safety showers are close to the work-station location.

**Hygiene measures:** 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.

#### **Personal protection**

**Eyes:** Avoid contact with eyes. Chemical splash goggles.

**Skin and body :**Avoid contact with skin and clothing. Wear suitable protective clothing.

**Respiratory :**Use only with adequate ventilation In accordance with good industrial hygiene and safety work practices, airborne exposures should be controlled to the lowest extent practicable.

**Hands :**Wear gloves that cannot be penetrated by chemicals or oil.

Recommended: Nitrile gloves.

The correct choice of protective gloves depends upon the chemicals being handled, the conditions of work and use, and the condition of the gloves (even the best chemically resistant glove will break down after repeated chemical exposures). Most gloves provide only a short time of protection before they must be discarded and replaced. Because specific work environments and material handling practices vary, safety procedures should be developed for each intended application. Gloves should therefore be chosen in consultation with the supplier/manufacturer and with a full assessment of the working conditions. Consult your supervisor or S.O.P. for special handling direction

## **9. Physical and Chemical Properties**

**PHYSICAL STATE** Liquid.

**COLOUR:** Yellow.

**SPECIFIC GRAVITY:** 0.850-0.880g/ml 15°C

**VISCOSITY:** 19.8-24.2 cSt @ 40°C

## **10. Stability and reactivity**

**10.1. Stability and reactivity** The product is stable.

#### 10.2. Chemical stability

**Stability** :Stable at normal ambient temperatures.

#### 10.3. Possibility of hazardous reactions

**Possibility of hazardous reactions** Under normal conditions of storage and use, no hazardous reactions will occur.

#### 10.4. Conditions to avoid

**Conditions to avoid** Avoid excessive heat for prolonged periods of time. Avoid contact with strong oxidising agents.

#### 10.5. Incompatible materials

**Materials to avoid** No specific material or group of materials is likely to react with the product to produce a hazardous situation.

#### 10.6. Hazardous decomposition products

**Hazardous decomposition products** Fire creates: Carbon monoxide (CO). Carbon dioxide (CO<sub>2</sub>).

## 11. Toxicological information

#### 11.1. Information on toxicological effects

**Inhalation** : Gas or vapour in high concentrations may irritate the respiratory system. Symptoms following overexposure may include the following: Coughing.

**Ingestion** :May cause discomfort if swallowed.

**Skin contact** :Liquid may irritate skin.

**Eye contact** :Vapour or spray in the eyes may cause irritation and smarting

## 12. Ecological Information

**Ecotoxicity** Not regarded as dangerous for the environment.

#### 12.1. Toxicity

#### 12.2. Persistence and degradability

#### 12.3. Bioaccumulative potential

#### 12.4. Mobility in soil

**Mobility** The product is immiscible with water and will spread on the water surface.

#### 12.5. Results of PBT and vPvB assessment

#### 12.6. Other adverse effects

### 13. Disposal Considerations

#### 13.1. Waste treatment methods

**General information** :The packaging must be empty (drop-free when inverted).

**Disposal methods** : Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority. Environmental Manager must be informed of all major spillages. Avoid the spillage or runoff entering drains, sewers or watercourses.

### 14. Transport Information

**General** The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

#### 14.1. UN number

Not applicable.

#### 14.2. UN proper shipping name

Not applicable.

#### 14.3. Transport hazard class(es)

No transport warning sign required.

#### 14.4. Packing group

Not applicable.

#### 14.5. Environmental hazards

**Environmentally hazardous substance/marine pollutant**

No.

#### 14.6. Special precautions for user

Not applicable.

#### 14.7. Transport in bulk according to Annex II of MARPOL and the IBC Co

**Transport in bulk according to** Not applicable

**Annex II of MARPOL 73/78**

**and the IBC Code**

### 15. Regulatory information

### **15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

**National regulations** :The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (SI 2009 No. 716).

**Guidance** Workplace Exposure Limits EH40.

CHIP for everyone HSG228.

Approved Classification and Labelling Guide (Sixth edition) L131.

Safety Data Sheets for Substances and Preparations.

### **15.2. Chemical safety assessment**

## **16. Other information**

NOTICE : This Material Safety Data Sheet is based upon data considered to be accurate at the time of its preparation. Despite our efforts, it may not be up to date or applicable to the circumstances of any particular case. We are not responsible for any damage or injury resulting from abnormal use, from any failure to follow appropriate practices or from hazards inherent in the nature of the product.