

# New Golden Pearl 2

## 1. Chemical & Company Identification

**TRADE NAME:** New Golden Pearl 2  
**PRODUCT CODE:** 4172  
**SUPPLIER:** GS Caltex Oil Corporation  
GS Tower  
679, Yoksam-dong, Kangnam-gu  
Seoul, 135-080, Korea  
**ROUTINE INQUIRIES:** 2-2005-6811~8  
**FAX:** 2-565-5156

**CHEMICAL DESCRIPTION:** Grease

## 2. Composition & Ingredients

Components	CAS No.	Range in %
Highly distilled base oil	64742547	> 80
Additives which may include thickeners, antioxidants, rust inhibitors, tackifiers, and corrosion inhibitors		< 20

## 3. Hazards Identification

**WARNING STATEMENTS:** HANDLE MATERIAL IN PRESSURE EQUIPMENT WITH CARE.  
ACCIDENTAL INJECTION CAN CAUSE SERIOUS TISSUE DAMAGE.

**EYES:** Not expected to cause eye irritation following short-term exposure.

**ORAL:** If more than several mouthfuls are swallowed, abdominal discomfort, nausea, and diarrhea may occur.

**INHALATION:** Breathing the vapour or mist at concentrations in air that exceed the ACGIH TLV can cause respiratory irritation or discomfort.

**SKIN:** Not expected to be irritating following short-term contact.

**LONG TERM TOXIC EFFECTS:** May cause skin discolouration following prolonged or repeated contact. The base oil component(s) are not expected to be carcinogenic based on IARC criteria. This product has not been tested as a whole for chronic health effects. See Section 11 for additional information.

#### 4. First Aid Measures

**EYES:** Flush eyes immediately with fresh water for several minutes while holding the eyelids open.

**SKIN:** Wash skin thoroughly with soap and water. Launder contaminated clothing.

**INGESTION:** If swallowed and person is conscious, give water or milk. DO NOT make person vomit except on advice of medical personnel. If advice cannot be obtained, take person with container and label to nearest emergency treatment center. Never give anything by mouth to an unconscious person.

**INHALATION:** This material is not expected to be an acute inhalation problem under typical applications. However, if exposed to excessive levels of fumes, mists, or dusts, remove to fresh air and get medical attention.

**ADVICE TO DOCTOR:** High-pressure equipment can cause small, often bloodless, puncture wounds where material may have been injected deep into the extremity. Within 24 hours, there is usually extensive swelling, discoloration and intense pain in the affected part. Requires immediate treatment at a surgical emergency centre; else disfigurement or amputation of the affected part may occur.

Treatment of high pressure wounds may include: 1) surgical decompression, debridement, and drainage. 2) broad-spectrum antibiotic and 3) anti-inflammatory medication.

#### 5. Fire Fighting Measures

**IGNITION TEMP. (DEGREES C):** Not Determined

**FLAMMABLE LIMITS (% BY VOLUME):** Not Determined

**FLASH POINT (DEGREES C):** Not Determined

**FIRE EXTINGUISHING AGENTS:** Use water spray, dry chemical, foam, or carbon dioxide. Water or foam may cause frothing. Use water to cool fire-exposed containers. If a leak or spill has not ignited, use water spray to disperse the vapours and to provide protection

**EXPLOSION HAZARDS:** for persons attempting to stop the leak.  
For fires involving this material, do not enter any enclosed or confined space without self-contained breathing apparatus to protect against the hazardous effects of combustion products or oxygen deficiency.

## 6. Accidental Release Measures

**IN CASE OF SPILL:** Shovel up material and place in disposable container, observing precautions outlined in this MSDS. Scrub contaminated area with detergent and water using stiff broom or mop. Pick up liquid with an absorbent and place in a disposable container. Avoid eye and skin contact. Prevent contamination of groundwater or surface water.

## 7. Handling & Storage

Minimum feasible handling temperatures should be maintained. Periods of exposure to high temperatures should be minimised. Water contamination should be avoided.

## 8. Exposure Control/Personal Protection

**EYES:** Avoid eye contact. The wearing of chemical safety goggles or face shield is recommended.

**SKIN:** Exposed employees should exercise reasonable personal cleanliness; this includes cleansing exposed skin several times daily with soap and water, and laundering or dry cleaning soiled work clothing at least weekly.

**INHALATION:** None required when handling at minimum feasible temperatures.

**VENTILATION:** Under normal applications of this product, general dilution ventilation is adequate.

**EXPOSURE LIMITS:** None established for product.

## 9. Physical & Chemical Properties

<b>APPEARANCE &amp; ODOR:</b>	Semi-solid
<b>BOILING POINT (DEG. C):</b>	Not Determined
<b>VAPOR PR. (MMHG @ 25 DEG. C):</b>	Not Applicable
<b>DENSITY (KG/L AT 15 DEG. C):</b>	Not Applicable

VAPOR DENSITY (AIR = 1):	Not Applicable
PH OF UNDILUTED PRODUCT:	Not Applicable
SOLUBILITY (WATER):	Not Applicable
PERCENT VOLATILE BY VOLUME:	Not Applicable
EVAPORATION:	Not Applicable
VISCOSITY:	Not Applicable

## 10. Stability & Reactivity

HAZARDOUS POLYMERIZATIONS:	DO NOT OCCUR
PRODUCTS OF COMBUSTION:	Carbon monoxide, carbon dioxide, and aldehydes and ketones, combustion products of nitrogen or sulfur.
CONDITIONS TO AVOID:	Heat, Strong Oxidizers

## 11. Toxicological Information

<b>GENERAL:</b>	<p>High-Pressure Equipment Information: Accidental high-velocity injection under the skin of materials of this type may result in serious injury. Seek medical attention at once should an accident like this occur. The initial wound at the injection site may not appear to be serious at first; but, if left untreated, could result in disfigurement or amputation of the affected part. Take this information with you if you seek medical treatment.</p> <p>This product contains petroleum base oils which may be refined by various processes including severe solvent extraction, hydrocracking and hydrotreating. These oils have not been listed in the U.S. National Toxicology Program (NTP) Annual Report nor have they been classified by the International Agency for Research on Cancer (IARC) as carcinogenic or probably carcinogenic to humans.</p>
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## 12. Ecological Information

<b>ENVIRONMENTAL EFFECTS:</b>	No specific ecotoxicity data on this product are available.
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## 13. Disposal Considerations

<b>WASTE DISPOSAL:</b>	Place contaminated materials in disposable containers and dispose of in a manner consistent with applicable regulations. Contact local
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environmental or health authorities for approved disposal of this material.  
**REMARKS:** None Required.

**14. Transport Information**

**UN NUMBER:** Not Applicable  
**HAZCHEM CODE:** Not Applicable  
**DANGEROUS GOODS CLASS:** Not Applicable  
**GENERAL:** None Determined.

**15. Regulatory Information**

**RESPIRATOR INFORMATION:** None determined.

**16. Other Information**

No specific notes on this product.

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