

Safety Data Sheet

PowerPickle

Date of Issue : 15.06.2023

Replaces : 20.12.2018

Valid no longer than : 15.06.2028

1. Chemical Product and Company Identification

Product identifier

Product Name: PowerPickle

Product Code: N/A

Product description: Oil Field Product

Application of the substance / the mixture: Wax Dissolver, de-emulsifier, casing clean-up chemical.

Uses advised against: This product should not be used for other purposes than those specified without advised of expert

Details of the supplier of the safety data sheet

Manufacturer/Supplier:

Well Engineering & Technology Sdn Bhd

6.07 Level 6 Menara Hap Seng

Jalan P. Ramlee

50250 Kuala Lumpur

Tel / Fax : +603 2022 0803

Email : welltech@welltechengineering.com

Website : www.welltechengineering.com

Emergency telephone number: +6019 3566035/24hours

2. Hazards Identification

Classification of substance or mixture:

Comb Liq 4	H227	Combustible Liquid
Eye Irrit 2	H319	Cause eye irritation
Skin Sen 1	H315	Cause skin irritation

Label Elements

This product is classified according to EU Regulation.

Hazard Pictogram



Signal Word: Warning

Hazard Statement

H227: Combustible liquid
H315: Causes skin irritation
H319: Causes eye irritation

Precautionary Statement

P103: Read label before use.
P210: Keep away from heat/sparks/open flames/hot surfaces. — No smoking.
P262: Do not get in eyes, on skin or on clothing
P301: **If swallowed:** Not toxic. Do not induce vomiting to avoid aspiration to the lungs.
P302: **If on Skin:** Wash with plenty of water and soap.
P305: **If in the eyes:** Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.

Classification System:

NFPA ratings (scale 0 – 4)



Health = 1
Fire = 2
Reactivity = 0

HMIS-ratings (scale 0 – 4)

HEALTH	1
FIRE	2
REACTIVITY	0

Health = 1
Fire = 2
Reactivity = 0

Other Hazards

Results of PBT and vPvB assessment

PBT : Not applicable

vPvB : Not applicable

3. Composition / Information on Ingredients

Chemical characterization: Solution

Description:

Ingredients	CAS NO.	Content	Risk
D60	64742-47-8	60%	NC
Norpar	64771-72-8	10%	NC

SVHC:

This product does not contain any Substance with Very High Concern (SVHC) on the European Chemical Agency (ECHA) candidate list.

4. First Aid Measures***Description of First Aid Measures:***

General Information: Wash hand with soap and water after handling this material.

After Inhalation: Remove patient to fresh air. If unconscious, turn into recovery position. Obtain medical attention if ill effects occurs

After Ingestion: Wash out mouth with water. **Do Not** induce vomiting to avoid aspiration into the lungs. Obtain medical attention if ill effects occur.

After Skin contact: Wash affected area with soap and water. Remove contaminated clothing. Get medical attention if any discomfort continues.

After eye contact: Irrigate thoroughly with plenty water, holding the eyelids apart and obtain medical aid if irritation persists.

Most Important symptom and effect, both acute and delayed:

None

5. Fire Fighting Measures

General Fire Hazard: The product is combustible liquid.

Extinguishing media

Suitable extinguishing agents: CO₂, Dry powder, alcohol resistant foam, sand, earth or water fog.

Unsuitable extinguishing agents: Water jet.

Special hazards arising from substance/Mixture

In case of fire, the following can be released:

Carbon Monoxide (CO)

Carbon Dioxide (CO₂)

Irritating gas/vapour/fumes

Protective equipment: NIOSH approved breathing apparatus and suitable protective clothing should be worn in fire conditions.

6. Accidental Release Measures

Personal precautions: Prevent eye and skin contact. Wear protective clothing

Environmental precautions: Contain or absorb in sand, earth or suitable material.

Clean-up and disposal: Absorb with clay or sawdust. Transfer to a container for disposal. May be incinerated by an approved chemical disposal firm.

Reference to other section:

See section 7 for safe handling

See section 8 for personal protection

See section 13 for disposal information

7. Handling and Storage

Handling:

Precaution for safe handling

Avoid spilling, skin and eye contact. Provide good ventilation. Static electricity and formation of sparks must be prevented.

Precaution for safe storage

Keep the material in tightly closed, clearly labelled container. Keep in cool, dry and ventilated storage and close containers.

8. Exposure Controls / Personal Protection

Exposure controls / Personal protective equipment:

General Protective and Hygienic measures:

Engineering Control:

Provide ventilation. Keep away from sparks or flames

Protective clothing suitable for liquid splash protection

Breathing Equipment: Use NIOSH/OSHA approved respirator if vapour concentration exceeds exposure limit of 5mg/cu.m long term mineral oil mist.

Protection of Hands:

Protective Glove Symbol



Material of gloves

PVC glove or any compatible materials

Penetration time of glove materials

The exact break-through time has to be determined and observed by the manufacturer of protective gloves.

Eye protection

Safety glasses or goggles

9. Physical & Chemical Properties***Information on basic physical and chemical properties*****General information:****Appearance:**

Physical State:	Liquid
Form:	Liquid
Color:	Colorless
Odor:	Slight paraffin

pH Value:	7.0
Boiling Point:	185° C (365° F)
Melting point	-20° C (-4° F)

Flash point:	66° C (151° F) (Pensky Martens Closed Cup)
---------------------	--

Decomposition temp:	N/A
----------------------------	-----

Viscosity	1.01
------------------	------

Auto ignition temp:	>200° C
----------------------------	---------

Danger of explosion:	Product is not explosive
-----------------------------	--------------------------

Explosion Limit:	No data available
-------------------------	-------------------

LEL:	No data
-------------	---------

UEL	No data
------------	---------

Solubility (water)	0.01 @ 66° C
---------------------------	--------------

Density	0.78 g/cm ³ @ 15° C
----------------	--------------------------------

Vapour pressure	0.1 mmHg @ 20° C
------------------------	------------------

Vapour Density(air=1)	1.0
------------------------------	-----

Viscosity of Liquid	2.5 cps @ 25°C
----------------------------	----------------

Evaporation Rate	0.03
-------------------------	------

(n butyl acetate=1)	
----------------------------	--

10. Stability & Reactivity

Reactivity: No data

Chemical stability: Stable.

Thermal Decomposition/Condition to be avoided: Not known to be hazardous.

Possibility of hazardous reaction: None.

Condition to avoid: Strong oxidizing agent.

Incompatible material: Strong oxidizing agents.

11. Toxicological Information

Information on toxicological effects

Acute toxicity: Non-toxic. LD50 greater than 5kg/kg Oral (rat).

Repeat-dose toxicity: Not Determined

Dermal toxicity: None

Primary Irritant effect:

Ingestion: Low oral toxicity. Ingestion may cause irritation of the gastrointestinal tract.

Inhalation: High concentrations of mist may be slightly irritant to the upper respiratory tract.

On skin: Non-irritant following a single application to rabbit skin.

On the eyes: May cause eye irritation.

Sensitization: It is a skin sensitiser in animal tests.

Mutagenicity: No ingredient is known to be mutagenic

Other available toxicity data: No ingredient is known to be carcinogenic.

12. Ecological Information

Toxicity

Aquatic toxicity: Safe to use in Marine Environment based on toxicology test

Aerobic biodegradation in salt water: 100% in 28 days

Bioaccumulation Log Pow 5.7

Marine algae inhibition growth (skeltonema costatum) >1000 mg/l

Acute lethal toxicity to marine copepods (acartia tonsa) >2000 mg/l

Formulation tested according to ISO 14669 1999)

Acute lethal toxicity to marine fish: (Cyprinodon variegatus) 96hr limit test >/-10,000mg/l
[Osparcom (2005-11 protocol)].

Sediment Reworker: (Marine crustacean *Corophium volutator*) 629.60mg/kg

Result of PBT and VpVB assessment:

PBT: Not Applicable

vPvB: Not Applicable

Mobility: Insoluble in water. High Mobility

13. Disposal Considerations

Waste treatment method

Recommendation: Disposal should be in accordance with local, state or national legislation. Product contains no aromatic hydrocarbons, chlorinated hydrocarbons or Bis Phenol A.

Uncleaned packagings:

Recommendation: Recover and reclaim or recycle if practical. Clean container prior to disposal.


Recommended cleaning agent: Water, if necessary with cleansing agent.

14. Transport Information

UN- Number:	N/A
UN proper shipping name:	PowerPickle
EC Classification:	Combustible Liquid
TDG, IATA, IMO:	Not classed as hazardous for transport
Transport Hazard Class(es):	N/A
DOT, TDG, IATA, IMO:	Non Hazardous
Environment Hazards:	N/A
Marine Pollutant:	No
Special Precaution for User	N/A
The Harmonized System Code:	34021190

15. Regulatory Information

Safety, health and environmental regulations/legislation specific for the substance or mixture:

- ❖ **Sara**
- ❖ **Section 355 (extremely hazardous substances):**
None of the ingredients is listed.
- ❖ **Section 313 (Specific toxic chemical listings):**
None of the ingredients is listed.
- ❖ **Chemicals known to cause cancer:**
None of the ingredients is listed.
- ❖ **Chemicals known to cause reproductive toxicity for females:**
None of the ingredients is listed.
- ❖ **Chemicals known to cause reproductive toxicity for males:**
None of the ingredients is listed.
- ❖ **Chemicals known to cause developmental toxicity:**
None of the ingredients is listed.
- ❖ **Carcinogenic categories**
- ❖ **EPA (Environmental Protection Agency)**
None of the ingredients is listed.
- ❖ **TLV (Threshold Limit Value established by ACGIH)**
None of the ingredients is listed.
- ❖ **NIOSH-Ca (National Institute for Occupational Safety and Health)**
None of the ingredients is listed.
- ❖ **GHS label elements**
The product is classified and labeled according to the Globally Harmonized System (GHS).
- ❖ **Hazard pictograms**

- Signal word: Warning**
- ❖ **Hazard-determining components of labeling:**
N/A
- ❖ **Hazard statements**
Combustible Liquid
Eye Irritation
Skin Sensitization

❖ **Precautionary statements**

Wear protective gloves/protective clothing/eye protection/face protection.
Wash thoroughly after handling.

IF ON SKIN: Remove/Take off immediately all contaminated clothing. Rinse skin with water/ shower.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

IF INHALED: Remove patient to fresh air.

Wash contaminated clothing before reuse.

If skin irritation or rash occurs: Get medical advice/attention.

IF SWALLOWED: Rinse mouth. Do not induce vomiting. Get medical attention

Container can be reuse. Dispose of contents/container in accordance with local/regional/national/international regulations.

❖ **National Regulations:**

The product is subject to be labeled according with the prevailing version of the regulations on hazardous substances.

❖ **State Right to Know**

N/A

❖ **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

16. Other Information

The information contained in this safety data sheet does not constitute the user's own assessment of workplace risk as required by other health and safety legislation. The user is reminded of the requirement to comply with the provisions of the Health and Safety at Work Act and the Control of Substances Hazardous to Health Regulations

Abbreviations and accronyms:

Revision Information: Not Relevant

Disclaimer: This information is provided without warranty. The information is believed to be correct. This information should be used to make independent determination of method to safeguard workers and environment.