




MATERIAL SAFETY DATA SHEET

NATIONAL PERFORMAX EXCEL 20W50

1. Chemical & Company Identification

Trade Name : Performax Excel SAE 20W50 CF

Supplier :  **Techno Lube LLC-Dubai.**
P.O. Box. 116636. Dubai
United Arab Emirates.

Routine Inquiries : 00971-4 8018321

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Chemical Description : Lubricating Oil

2. Composition & Ingredients

Components	CAS No.	Range in %
Solvent dewaxed heavy paraffinic distillate	64742650	70-95
Solvent dewaxed residual oil	64742627	< 10
Solvent refined heavy paraffinic distillate	64741884	< 10
Hydrotreated heavy paraffinic distillate	64742547	< 4
Additives which may include detergent-inhibitor, Viscosity Index Improver, pour point depressant, And/or antifoam agent		>10
Zinc alkyl dithiophosphate	64649423	<2

3. Hazards Identification

Warning Statements - Avoid prolonged or repeated contact with used motor oil. If skin contact occurs, wash exposed areas with soap and water, Launder contaminated clothing

Eyes - Expected to cause no more than minor eye irritation.

Oral - If more than several mouthfuls are swallowed, abdominal discomfort, nausea, and diarrhea may occur.

Inhalation - Breathing the vapor or mist at concentrations in air that exceed the ACGIH TLV can cause respiratory irritation or discomfort.

Skin - Expected to cause no more than minor skin irritation.

Prolonged or frequently repeated contact may cause more severe irritation or may cause the skin to become cracked or dry from the defatting action of this material.

Long Term Toxic Effect - 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.

If irritation persists, see a doctor.

Skin - Wash skin thoroughly with soap and water.

If skin irritation persists or a rash develops as a result of excessive contact, see a doctor.

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 - If respiratory irritation or any signs or symptoms as described in this MSDS occur, move the person to fresh air. If any of these effects continue, see a doctor.

Advice to Doctor - None Applicable.

5. Fire Fighting Measures

Ignition Temp. (Degrees C) : Not Determined

Flammable Limits (% by Volume) : Not Determined

Flash Point (degrees C) : > 210 (COC)

Fire Extinguishing Agents - According to the U.S. National Fire Protection Association Guide, use water fog, 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 vapors and to provide protection for persons attempting to stop the leak.

Explosion Hazards - 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 - Stop the source of the leak or release and contain spill if possible. Ventilate area. Use respirator and protective clothing as discussed in this MSDS. Cover spill with a generous amount of inert absorbent. Use a stiff broom to mix thoroughly. Sweep up and place in a disposable container. Scrub contaminated area with detergent a water using a stiff broom. Pick up liquid with additional absorbent and place in a disposable container. 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 minimized. Water contamination should be avoided.

Misuse of empty containers can be hazardous. DO NOT cut, weld, heat or drill container. Residue may ignite with explosive violence if heated sufficiently. Do not pressurize or expose to open flame or heat. Keep container closed and drum bungs in place.

8. Exposure Control / Personal Protection

Eyes – No special eye protection is usually necessary.

Safety glasses, chemical type goggles, or face shield appropriate where splashing or misting is expected during routine operations or spill clean up.

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

Inhalation – Respiratory protection is normally not required. However, if operating conditions create airborne concentrations, which exceed the recommended exposure standard(s), the use of an approved respirator is recommended.

Wear approved respiratory protection such as a toxic dust, mist and fume respirator.

9. Physical & Chemical Properties.

Note : The following data may represent a range of approximate or typical values for products in the same family. Precise technical information is provided in Product Bulletins and can be obtained from your Marketing Representative.

Appearance & Odor	: Brown, clear liquid.
Boiling Point (deg. C)	: Not Determined
Vapor Pr. (mmHg @ 25 deg. C)	: Not Determined
Density (kg/l at 15 deg. C)	: 0.8930
pH of Undiluted Product	: Not applicable
Solubility (water)	: Negligible
Percent Volatile by Volume	: Not Determined
Evaporation	: Not Determined
Viscosity	: 19.90 mm ² /s @ 100 deg. C

10. Stability & Reactivity

Hazardous Polymerization – DO NOT OCCUR

Products of Combustion – Carbon monoxide, carbon dioxide, and aldehydes and ketones, combustion products of nitrogen or sulfur.

Conditions to Avoid – Strong Oxidizers such as chlorates, nitrates, peroxides, etc.

11. Toxicological Information

General – During use in engines, contamination of oil with low levels of cancer causing combustion products occurs. Used motor oil has been shown to cause skin causing cancer in mice following repeated application and continuous exposure. Brief or intermittent skin contact with used motor oil is not expected to have serious effects in humans if the oil is thoroughly removed by washing with soap and water. Avoid prolonged contact with used motor oil.

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.

12. Ecological Information

Environmental Effects – No specific ecotoxicity data on this product are available.

This material may present environmental risks common to oil spills.

13. Disposal Considerations

Waste Disposal – Place contaminated materials in disposable containers and dispose of in a manner consistent with applicable regulations. Contact local environmental or health authorities for approved disposal of this material.

Remarks : This material may present environmental risks common to oil spills.

14. Transport Information

Transport of Dangerous Goods:

UN Number : Not Applicable

Dangerous Goods Class : Not Applicable

Proper Shipping Name : Not Applicable

Additional Information : None Determined

15. Other Information

To the best of our knowledge, the information provided in this MSDS document is correct. We do not assume any liability for consequences of the use of this information since it may be applied under conditions beyond our control or knowledge. Also, it is possible that additional data could be made available after this MSDS was issued.

Certain hazards are described herein, however these may not be the only hazards that exists. All materials may present unknown hazards and should be used with caution.

Customers are encouraged to review this information, follow precautions, and comply with all applicable laws and regulations regarding the use and disposal of this product. For specific technical data or advice, concerning this product as supplied in your country please contact your local sales representative. The final determination of the suitability of any material is the sole responsibility of the user.

Product Self Life : 5 Years from date of Manufacturing.