



UE-CHEMICALS TECHNICAL DATA SHEET

Caluanie Muelear Oxidize

Industrial liquid oxidizer for metalworking, refining, and processing applications

Document	Technical Data Sheet (TDS)	Document Code	UEC-TDS-CMO-2026-01
Product	Caluanie Muelear Oxidize	Revision	Rev. 2.0
Effective Date	2026-03-10	Prepared By	UE Chemicals
Manufacturer	UE Chemicals, Bangkok 10110, Thailand	Contact	info@useful-chemicals.com +66 951 690 848

This document consolidates the client-supplied legacy technical sheets and the current UE Chemicals commercial specification. Where the legacy sheets conflict with the current UE Chemicals specification, the current UE Chemicals specification shown below prevails.

1. Product Identification

Product Name	Caluanie Muelear Oxidize
Product Type	Heavy Water / Liquid Oxidizer
Appearance	Clear to slightly amber liquid
Recommended Uses	Metalworking, refining, mineral processing, industrial chemical operations
Manufacturer	UE Chemicals
Origin	Bangkok, Thailand
Website	https://useful-chemicals.com

2. Technical Specifications

Oxidizing Power	Premium Industrial Grade
Density	~1.2 g/cm ³
pH	Acidic
Solubility	Miscible with water
Shelf Life	24 months from manufacture
Standard Pack Sizes	1 L, 5 L, 10 L, 25 L, 200 L drums
Storage Conditions	Store in a cool, dry, well-ventilated area in tightly closed original containers

3. Quality and Handling Guidance

Handling	Use suitable gloves, eye protection, chemical-resistant clothing, and adequate ventilation during transfer or use
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Process Note	Product is specified for industrial use where controlled oxidation and processing performance are required
Container Integrity	Keep sealed when not in use; prevent contamination with incompatible materials
Shipping Practice	Use licensed carriers and current shipping documents for each consignment

4. Regulatory and Transport Status

CAS Number	Commercial proprietary mixture. No single CAS number was stated in the supplied source TDS files; confirm constituent identifiers from the current batch SDS/COA where required.
UN Transport Code	Not stated in the supplied source TDS files. Confirm the applicable UN number and packing group from the current transport classification and SDS before shipment.
Hazard Classification	Official GHS and dangerous goods classification must be confirmed from the current Safety Data Sheet and route-specific transport review. Do not rely on this TDS as a substitute for the SDS.
Regulatory Use Note	For industrial and commercial use only. Purchaser remains responsible for local regulatory compliance, import permissions, and end-use suitability.

5. Packaging and Commercial Information

Packaging Options	1 L, 5 L, 10 L, 25 L, and 200 L drums	Supply Basis	Available subject to order confirmation
Documents Available	TDS, SDS, and batch-specific COA upon request	Sales Contact	info@useful-chemicals.com WhatsApp +66 951 690 848

6. Disclaimer

The data in this technical data sheet is intended as a commercial and technical summary for qualified industrial customers. Values are typical guidance values based on the current UE Chemicals product specification and the client-supplied source material. This sheet does not replace a Safety Data Sheet, Certificate of Analysis, transport declaration, or customer validation testing. Users must evaluate product suitability, regulatory status, and safe handling for their own process and jurisdiction before use.