

Safety Data Sheet

ALKEMIST | Industrial & Specialty Chemicals

Manufacturer: ALKEMIST

Supplier / Dealer: ALKEMIST | Water and Chemicals Solution — Pakistan & Gulf

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ALK-DC-2.0 MOLD DEGREASER

Professional Fast-Evaporating Mold Cleaner & Degreaser

Document No: SDS-ALK-DC20-001

Revision: 1.0

Issue Date: 15 November 2025

Batch No: ALKDC20-2511151

Manufacturer: ALKEMIST

Product Code: ALK-DC-2.0

Alternative Reference: TC20 Degreaser

Status: Final Standard Document

ALK-DC-2.0

PROFESSIONAL MOLD CLEANER & DEGREASER | FAST EVAPORATING | LOW RESIDUE | TC20 ALTERNATIVE

1. IDENTIFICATION

PRODUCT IDENTIFIER **ALK-DC-2.0 MOLD DEGREASER**

ALTERNATIVE / REFERENCE	TC20 Degreaser Alternative
RECOMMENDED USES	Removal of grease, oil, mold-release residue, wax, uncured resin, adhesive residue and processing contamination from compatible injection, compression, rubber, composite and metalworking molds.
USES ADVISED AGAINST	Do not use on energized equipment, hot molds, food-contact surfaces without validated rinse, painted surfaces or sensitive plastics without compatibility testing.
MANUFACTURER	ALKEMIST
EMERGENCY CONTACT	+92 301 9220000 admin@alkemist.org

2. HAZARD IDENTIFICATION

ALKEMIST® | Industrial & Specialty Chemicals

Address: Rail Bazar, Near Cheema Medical Store, Hafizabad, Punjab, Pakistan

Email: admin@alkemist.org

Website: alkemist.org

DANGER: Highly flammable liquid and vapor. May be fatal if swallowed and enters airways. Causes skin and serious eye irritation. May cause drowsiness or dizziness. Toxic to aquatic life with long-lasting effects.



GHS CLASSIFICATION

FLAMMABLE LIQUID CAT. 2; ASPIRATION HAZARD CAT. 1; SKIN IRRITATION CAT. 2; EYE IRRITATION CAT. 2A; STOT SE CAT. 3; AQUATIC CHRONIC CAT. 2.

SIGNAL WORD	DANGER
HAZARD STATEMENTS	H225, H304, H315, H319, H336, H411.
PRECAUTIONARY STATEMENTS	Keep away from heat, sparks and flames. Ground and bond containers. Use explosion-proof equipment. Avoid breathing vapor. Wear gloves and eye protection. Prevent environmental release. If swallowed, do not induce vomiting; obtain immediate medical help.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Proprietary formulation. Hazardous ingredients are disclosed in concentration ranges for workplace safety communication.

INGREDIENT	CAS NO.	CONCENTRATION	FUNCTION
ACETONE	67-64-1	35–45%	Fast-evaporating polar solvent.
N-HEPTANE / HYDROTREATED LIGHT HYDROCARBON SOLVENT	142-82-5 / mixture	25–35%	Oil, grease, wax and mold-release dissolution.
ISOPROPYL ALCOHOL	67-63-0	10–20%	Polar cleaning and rapid drying.
ETHYL ACETATE	141-78-6	5–15%	Resin and adhesive solvency.
STABILIZER / PERFORMANCE ADDITIVES	Trade Secret	0.1–2%	Stability and low-residue performance.

4. FIRST AID MEASURES

INHALATION MOVE TO FRESH AIR. OBTAIN MEDICAL ATTENTION IF DIZZINESS, HEADACHE, NAUSEA OR BREATHING DIFFICULTY OCCURS.

SKIN	Remove contaminated clothing and wash with soap and water for at least 15 minutes.
EYES	Rinse with water for at least 15 minutes. Remove contact lenses if easy. Obtain medical attention.
INGESTION	Do not induce vomiting. Immediately contact a physician or poison centre because aspiration into lungs may be fatal.

5. FIRE-FIGHTING MEASURES

SUITABLE MEDIA ALCOHOL-RESISTANT FOAM, DRY CHEMICAL, CARBON DIOXIDE OR WATER FOG.

SPECIFIC HAZARDS	Vapors may form explosive mixtures with air and flash back. Containers may rupture when heated.
PROTECTION	Wear full protective equipment and self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

Eliminate ignition sources, ventilate, ground recovery equipment, contain with non-combustible absorbent and collect in approved closed waste containers. Prevent release to drains, soil and waterways.

7. HANDLING AND STORAGE

HANDLING	USE IN WELL-VENTILATED AREAS. NEVER APPLY TO HOT MOLDS. USE NON-SPARKING TOOLS AND GROUNDED EQUIPMENT.
STORAGE	Store tightly closed at 5–30°C in a cool, shaded, ventilated flammable-liquid area.
INCOMPATIBLES	Strong oxidizers, strong acids, strong alkalis, reactive metals, heat and flame.

8. EXPOSURE CONTROLS / PPE

ENGINEERING CONTROLS	LOCAL EXHAUST VENTILATION, EYEWASH AND SAFETY SHOWER.
EYE	Chemical splash goggles.
HANDS	Nitrile, Viton or verified solvent-compatible gloves.
RESPIRATORY	Approved organic-vapor respirator where ventilation is inadequate.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	CLEAR, COLOURLESS LIQUID	ODOUR	CHARACTERISTIC SOLVENT ODOUR
SPECIFIC GRAVITY	0.75–0.79 at 20°C	Boiling Range	56–100°C
FLASH POINT	Below -10°C, closed cup	Evaporation	Fast
WATER SOLUBILITY	Partial	VOC	Approx. 98–100%
NON-VOLATILE RESIDUE	≤0.05%	Viscosity	<2 mPa·s at 20°C

10. STABILITY AND REACTIVITY

Stable under recommended conditions. Avoid heat, sparks, flames, static discharge, hot molds and incompatible materials.

11. TOXICOLOGICAL INFORMATION

May cause eye/skin irritation, dizziness, headache, nausea and drowsiness. Aspiration into lungs may cause chemical pneumonitis and may be fatal.

12. ECOLOGICAL INFORMATION

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Hydrocarbon components may be toxic to aquatic organisms with long-lasting effects. Avoid environmental release.

13. DISPOSAL CONSIDERATIONS

Dispose as flammable solvent waste. Empty containers may retain hazardous vapor and must not be cut, welded or burned.

14. TRANSPORT INFORMATION

UN NUMBER

UN1993

PROPER SHIPPING NAME

FLAMMABLE LIQUID, N.O.S. (Acetone, Heptane)

CLASS

3

PACKING GROUP

II

15. REGULATORY INFORMATION

Prepared in GHS/OSHA-style 16-section format with GCC-style chemical safety communication.

16. OTHER INFORMATION

Issue Date: 15 November 2025. Revision 1.0. Product Code: ALK-DC-2.0.

Prepared By

ALKEMIST Regulatory & Technical Department

Approved By

Quality / Compliance Responsible Person

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