

AD Aluminum Degreaser

Aluminum-safe industrial degreaser for stain, oil and general maintenance cleaning

Controlled safety source: SDS UC-003, revision January 20, 2026. This Technical Data Sheet does not replace the current Safety Data Sheet.

PRODUCT OVERVIEW

AD Aluminum Degreaser is a professional industrial cleaner intended for stain and oil removal and general maintenance on compatible equipment, components and surfaces. The current SDS product name is **Aluminum Safe Degreaser**. Approved application methods retained from the prior controlled TDS include brush, spray, steam foamer, floor scrubber, pressure washer, sponge and hand wipe, followed by a clean-water rinse.

SDS product name	Aluminum Safe Degreaser	Physical state	Liquid
Appearance / color	Red liquid	Odor	Slight solvent with lime undertone
pH	8.5-9.5	Specific gravity	Not determined in current SDS
Boiling point	100°C / 212°F	Flash point	Non-flammable
Water solubility	Completely soluble	Transport status	Not regulated by DOT, IATA or IMDG

KEY SAFETY AND OPERATING POINTS

- Current SDS classification: not a hazardous substance or mixture.
- No SDS signal word or hazard statement is listed.
- Avoid contact with eyes, skin and clothing. Avoid breathing vapor, mist or spray.
- Do not mix with acids, bleach, ammonia or oxidizing agents.
- Protect from freezing. If frozen, allow the product to thaw completely prior to use.
- Concentrated product on the floor may create a slip hazard.

SHIPPING, PACKAGE AND LOGISTICS

Variant	Physical Package	SKU	Gross Weight	Dimensions	NMFC	Freight Class
1 Gallon	1 Gallon Jug	AD001	9 lb	6 x 6 x 12 in	48580	70
5 Gallon	5 Gallon Bucket	AD005	45 lb	10.25 x 10.25 x 14.75 in	48580	70
55 Gallon	55 Gallon Drum	AD055	515 lb	23.5 x 23.5 x 35 in	48580	70
250 Gallon	250 Gallon Tote	AD250	2,400 lb	40 x 47 x 46 in	48580	70

Transportation: Current SDS Section 14 states AD is not regulated as dangerous goods or hazardous materials by DOT, IATA or IMDG. No DOT hazmat label is required under the current SDS classification.

NFPA 704



Health	1	Slight health hazard
Flammability	0	Will not burn
Instability	0	Normally stable
Special	—	Not determined in current SDS

GHS HAZARD COMMUNICATION

No GHS pictogram required by the current SDS classification.
The current SDS states that the product is not classified as a hazardous substance or mixture and lists no signal word or hazard statements.

SAFE HANDLING, PPE AND SITE CONTROLS

- Safety glasses or chemical splash goggles.
- Impervious protective clothing selected for the task and expected exposure.
- Chemical-resistant gloves selected through the site PPE program.
- Chemical-resistant footwear where pooling or splash exposure is possible.
- Respiratory protection with an approved filter if vapor forms or ventilation is inadequate.
- Provide adequate ventilation, especially in confined areas.
- Maintain immediate access to eyewash and emergency shower facilities.
- Protect drains and install containment before product application.

APPROVED DILUTION SCHEDULE

Each ratio is expressed as AD Aluminum Degreaser to water. For example, 1:10 means one part AD mixed with ten parts water. Do not alter the listed ratios without written technical authorization.

Application	AD : Water	Application	AD : Water
Stain and oil removal	1:10	Oily shop floors	1:100
Compressors and machine tools	1:20	General maintenance	1:40
Lights and shop walls	1:20	Manual car wash	1:100
Floors, tile, offices and stores	1:130	Truck wash	1:50
Tanker wash	1:25	Steam cleaning	1:100
Aircraft cleaning	1:30	Laundry pre-spot	1:4
Concrete	1:10		

Commercial cleaning batches using 55 gallons of water: Extra heavy duty: 5 gallons AD. Heavy duty: 2 gallons AD. Medium heavy duty: 1 gallon AD. Normal heavy duty: 2 quarts AD.

PRE-JOB PLANNING AND APPLICATION

1. Review the current SDS, product label, this TDS, site rules and job safety analysis.
2. Verify the exact product and confirm container labeling matches the intended use.
3. Confirm equipment or surfaces are isolated and safe to access.
4. Identify drains, soil, surface water, electrical equipment, hot surfaces, rotating equipment and other sensitive areas.
5. Inspect for leaks, damaged coatings, incompatible materials and conditions that could be worsened by cleaning.
6. Confirm material compatibility before use. Conduct a controlled test on an inconspicuous area when compatibility has not been established.
7. Install containment and drain protection before application.
8. Confirm the approved concentration, quantity and application method before beginning.
9. Apply by brush, spray, steam foamer, floor scrubber, pressure washer, sponge or hand wipe as appropriate to the approved task.
10. Maintain uniform contact as required by the approved instruction. Do not allow uncontrolled pooling on walking surfaces.
11. Stop work immediately if leakage, material damage, unexpected reaction or unsafe conditions occur.

OPERATING PARAMETERS NOT ESTABLISHED BY CURRENT SDS

Parameter	Status
Pressure	Not established by current SDS
Flow	Not established by current SDS
Product temperature	Not established by current SDS
Equipment operating temperature	Not established by current SDS
Dwell or circulation time	Not established by current SDS
Maximum exposure time	Not established by current SDS

CLEAN-WATER RINSING AND EQUIPMENT CLEANOUT

The approved product information recommends a clean-water rinse after cleaning. No minimum rinse volume, pressure, temperature or analytical endpoint is established by the current SDS. Continue rinsing until visible residue, foam and loosened contamination are removed, subject to the approved site procedure.

12. Begin rinsing or flushing at the approved point in the procedure.
13. Use clean water unless another medium is specifically authorized.
14. Continue until product residue, foam and loosened contamination have been removed to the approved endpoint.
15. Inspect downstream and inaccessible areas for retained product or debris.
16. Recover rinsate through the approved containment system.
17. Flush application equipment, hoses, pumps and accessories with the approved cleaning medium.
18. Repeat treatment only when authorized.

ENVIRONMENTAL AND WASTE HANDLING

- The current SDS states that the product is not classified as environmentally hazardous, but large or frequent spills may harm the environment.
- The product is listed as readily biodegradable.
- Prevent discharge to storm drains, surface water and unapproved soil areas.
- Evaluate rinsate based on the product and contamination removed.
- A neutral pH reading alone does not establish discharge authorization.
- Collect and contain rinsate when discharge authorization is uncertain.
- Disposal must comply with applicable regional, national and local laws and regulations.

FIRST AID AND EMERGENCY RESPONSE

Exposure	Current SDS direction
Eyes	Immediately flush with plenty of water. After initial flushing, remove contact lenses if easy to do and continue flushing for at least 15 minutes. Immediately call a poison center or physician.
Skin	Immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes.
Inhalation	Remove to fresh air. Call a physician immediately.
Ingestion	Current SDS directs: induce vomiting, drink a large quantity of milk, and immediately call a poison center or physician. Follow the current SDS and emergency medical direction exactly.
Spill	Prevent further leakage or spillage if safe. Soak up with inert absorbent material. Current SDS permits neutralizing residue with citric acid or other neutralizing agents for basic materials. Transfer to properly labeled containers and clean up in accordance with applicable regulations.
Fire	Use extinguishing measures appropriate to local circumstances and the surrounding environment. Water may be used to cool containers exposed to fire. Overheated drums may rupture because of steam.

Emergency contact: INFOTRAC 1-800-535-5053 North America; 1-352-323-3500 International.

STORAGE, REACTIVITY AND CRITICAL RESTRICTIONS

- Keep container tightly closed in a cool, dry, well-ventilated place. Store locked up and out of reach of children.
- Protect from freezing. If frozen, allow the product to thaw completely prior to use.
- Storage incompatibilities listed in Section 7: acids, bleach and ammonia.
- Section 10 additionally identifies oxidizing agents as incompatible materials.
- Do not use on a material or coating until compatibility is confirmed.
- Use only the listed dilution for the intended application.
- Do not invent or estimate pressure, temperature, dwell time or circulation time.
- Do not discharge rinsate to an unapproved location.

TRANSPORTATION AND REGULATORY PROFILE

Mode / Field	Controlled value
DOT	Not regulated as dangerous goods or hazardous materials
IATA	Not regulated as dangerous goods or hazardous materials
IMDG	Not regulated as dangerous goods or hazardous materials
CERCLA RQ	No reportable quantity identified in the current SDS
Emergency contact	INFOTRAC 1-800-535-5053 North America; 1-352-323-3500 International

FIELD DOCUMENTATION CHECKLIST

Customer/site and equipment identification	Date and personnel
Pre-job photographs	Material compatibility confirmed
Product lot/container identification	Approved dilution used
Application method	Containment installed
Rinse or flush method	Rinsate evaluation
Estimated waste volume	Disposal/treatment method
Post-job photographs	Customer/site inspection
Follow-up recommendations	

DOCUMENT CONTROL

Product	AD Aluminum Degreaser
Product code	AD
Safety source	SDS_AD.pdf SDS UC-003 revision January 20, 2026 Version 1
Operational source	AD_TDS.PDF prior controlled operating procedures, applied only where not superseded by the current SDS
Shipping source	2026 Ultimate Chemicals Product Shipping Specs Matrix.xlsx
NFPA	Verified current SDS rating: 1-0-0; exact controlled NFPA artwork appearance retained
GHS	No pictogram required by current SDS classification
Header artwork	Approved company logo at upper left; approved glow-in-the-dark logo at upper right because no dedicated AD product logo exists
Program/footer artwork	Approved glow-in-the-dark logo. AD is not on the Zero Hour badge list.

QUICK ACCESS

Scan the QR code or select the printed URL. Each printed URL is embedded as a clickable PDF hyperlink.

PRODUCT PAGE  https://ultimatechemicals.com/products/ad	SDS  https://ultimatechemicals.com/sds/ad	TDS  https://ultimatechemicals.com/tds/ad_tds.pdf
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