



Univar USA Inc Material Safety Data Sheet

MSDS No:

Version No:

Order No:

Univar USA Inc., 17425 NE Union Hill Rd., Redmond WA 98052
(425) 889 3400

Emergency Assistance

For emergency assistance involving chemicals call
Chemtrec - (800) 424-9300

The Version Date and Number for this MSDS is : 04/29/2008 - #001

PRODUCT NAME: A&B TR 300L
MSDS NUMBER: CDS0580
DATE ISSUED: 04/23/2008
SUPERCEDES: NEW
ISSUED BY: 000099

MATERIAL SAFETY DATA SHEET

This Material Safety Data Sheet conforms to the requirements of ANSI Z400.1, using the International Chemical Safety Cards of the Global Harmonizing System
THIS MSDS COMPLIES WITH 29 CFR 1910.1200 (HAZARD COMMUNICATION STANDARD)
IMPORTANT: Read this MSDS before handling & disposing of this product.
Pass this information on to employees, customers, & users of this product.

SECTION 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY

PRODUCT IDENTITY: A&B TR 300L
COMPANY IDENTITY: UNIVAR USA INC.
COMPANY ADDRESS: 17425 NE UNION HILL
COMPANY CITY: REDMOND, WA 98052
COMPANY PHONE: 1-425-889-3400
CHEMTREC PHONE: 1-800-424-9300

SECTION 2. COMPOSITION/INFORMATION ON INGREDIENTS

CONTAINS:
45-55% WATER (7732-18-5),
15-20% COCONUT BLEND SOAP 40%,
5-10% TRIETHANOLAMINE DODECYLBENZENESULFONATE,
0-10% PROPYLENE GLYCOL (57-55-6),
0-10% COCOAMIDE DEA (68603-42-9),
0- 5% SODIUM NITRITE (7632-00-0),
0- 2% EDTA TETRASODIUM (64-02-8),
0- 2% GLYCEROL (56-81-5),
0- 1% DIETHANOLAMINE (111-42-2)(203-868-0)
Number in parentheses is CAS #, number in second parentheses is European EC #.

SECTION 3. HAZARDS IDENTIFICATION

EXPOSURE PREVENTION: STRICT HYGIENE!

Annotation:

PREVENT DISPERSION OF MISTS OR DUST!

RISK STATEMENTS:

- R36/38 Irritating to eyes and skin.
R42/43 May cause sensitization by inhalation and skin contact.
R48/22 Harmful: danger of serious damage to health by prolonged exposure if swallowed.
R41 Risk of serious damage to eyes.

SAFETY STATEMENTS:

- S2 Keep out of the reach of children.
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S46 If swallowed, seek medical advice immediately, and show this container or label.

SECTION 4. FIRST AID MEASURES

EYE CONTACT:

For eyes, flush with plenty of water for 15 minutes & get medical attention.

SKIN CONTACT:

In case of contact with skin immediately remove contaminated clothing. Wash thoroughly with soap & water. Wash contaminated clothing before reuse.

INHALATION:

After high vapor exposure, remove to fresh air. If breathing is difficult, give oxygen. If breathing has stopped, trained personnel should immediately begin artificial respiration. If the heart has stopped, trained personnel should immediately begin cardiopulmonary resuscitation (CPR).

SWALLOWING:

Rinse mouth. GET MEDICAL ATTENTION IMMEDIATELY. Do NOT give liquids to an unconscious or convulsing person.

SECTION 5. FIRE FIGHTING MEASURES

FIRE & EXPLOSION PREVENTIVE MEASURES

NO open flames. Above flash point, use a closed system, ventilation.

EXTINGUISHING MEDIA

Use dry powder, alcohol-resistant foam, water spray, carbon dioxide.

SPECIAL FIRE FIGHTING PROCEDURES

Water spray may be ineffective on fire but can protect fire-fighters & cool closed containers. Use fog nozzles if water is used. Do not enter confined fire-space without full bunker gear. (Helmet with face shield, bunker coats, gloves & rubber boots). Use NIOSH approved positive-pressure self-contained breathing apparatus.

UNUSUAL EXPLOSION AND FIRE PROCEDURES

Annotation:

SLIGHTLY COMBUSTIBLE!

Keep container tightly closed.
Isolate from reducers, heat, & open flame;
wood, organic materials, most metals.
Oxidizer vapors damage lungs. Symptoms may be delayed.
Do not breathe fumes.
Continue all label precautions!

SECTION 6. ACCIDENTAL RELEASE MEASURES

PERSONAL PROTECTIVE MEASURES:

Keep unprotected personnel away.
Wear appropriate personal protective equipment given in Section 8.

CONTAINMENT AND CLEAN-UP MEASURES:

Stop spill at source. Dike and contain. Collect leaking liquid in sealable containers. Absorb remaining liquid in sand or inert absorbent. Remove to safe place.

SECTION 7. HANDLING AND STORAGE

HANDLING

Isolate from reducers, heat, & open flame.
Use only with adequate ventilation. Avoid breathing of vapor or spray mist.
Avoid prolonged or repeated contact with skin. Wear OSHA Standard goggles or face shield. Consult Safety Equipment Supplier. Wear gloves, apron & footwear impervious to this material. Wash clothing before reuse. Avoid free fall of liquid. Ground containers when transferring. Do not flame cut, braze, or weld.
Continue all label precautions!

STORAGE

Keep separated from strong oxidants, strong acids. Keep dry.
Use ventilation along the floor.
Do not store above 49 C/120 F. Keep container tightly closed & upright when not in use to prevent leakage.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION:

RESPIRATORY EXPOSURE CONTROLS

A respiratory protection program that meets OSHA 29 CFR 1910.134 and ANSI Z86.2 requirements or European Standard EN 149 must be followed whenever workplace conditions warrant a respirator's use.

VENTILATION

LOCAL EXHAUST	: Necessary
MECHANICAL (GENERAL)	: Acceptable
SPECIAL	: None
OTHER	: None

Please refer to ACGIH document, "Industrial Ventilation, A Manual of Recommended Practices", most recent edition, for details.

Annotation:

PERSONAL PROTECTIONS:

Wear OSHA Standard goggles or face shield. Consult Safety Equipment Supplier.
Wear gloves, apron & footwear impervious to this material. Wash clothing before reuse.

WORK & HYGIENIC PRACTICES:

Provide readily accessible eye wash stations & safety showers.
Wash at end of each workshift & before eating, smoking or using the toilet.
Promptly remove clothing that becomes contaminated. Destroy contaminated leather articles. Launder or discard contaminated clothing.

SECTION 9. PHYSICAL DATA

APPEARANCE : Liquid, Water-White
ODOR : Amine
BOILING RANGE : Not Applicable
AUTO IGNITION TEMPERATURE : 421 C / 790 F (Lowest Component)
LOWER FLAMMABLE LIMIT IN AIR (% by vol): 1.0 (Lowest Component)
FLASH POINT (TEST METHOD): 107 C / 225 F (TCC) (Lowest Component)
FLAMMABILITY CLASSIFICATION: Class IIIB
GRAVITY @ 68/68 F / 20/20 C :
API : 5.8
SPECIFIC GRAVITY (Water=1) : 1.030
POUNDS/GALLON : 8.583
VOC'S (>0.44 Lbs/Sq In) : 0.0 Vol. % / 0.0 g/L / 0.000 Lbs/Gal
TOTAL VOC'S (TVOC) : 0.0 Vol. % / 0.0 g/L / 0.000 Lbs/Gal
NONEXEMPT VOC'S (CVOC) : 0.0 Vol. % / 0.0 g/L / 0.000 Lbs/Gal
HAZARDOUS AIR POLLUTANTS (HAPS): .3 Wt. % / 3.0 g/L / 0.025 Lbs/Gal
VAPOR PRESSURE (mm of Hg)@20 C 16.9
NONEXEMPT VOC PARTIAL PRESSURE
(mm of Hg @ 20 C) 0.0
VAPOR DENSITY (air=1) : 0.7
WATER ABSORPTION : Appreciable

SECTION 10. STABILITY & REACTIVITY

STABILITY

Stable under normal conditions.

CONDITIONS TO AVOID

Isolate from reducers, heat, & open flame.

MATERIALS TO AVOID

The substance decomposes on heating producing fumes of arolein.
The substance can readily react with strong oxidants, causing fire & explosion hazard.

HAZARDOUS DECOMPOSITION PRODUCTS

Carbon Monoxide, Carbon Dioxide, Nitrogen Oxide vapors, Sodium Oxide & Hydroxide from burning.

Annotation:

HAZARDOUS POLYMERIZATION

Will not occur.

SECTION 11. TOXICOLOGICAL INFORMATION

MATERIAL	CAS #	TWA (OSHA)	TLV (ACGIH)	HAP
Water	7732-18-5	None Known	None Known	No
Coconut Blend Soap	-	None Known	None Known	No
Cocoamide DEA	68603-42-9	None Known	None Known	No
Propylene Glycol	57-55-6	None Known	1000 ppm	No
EDTA Tetrasodium	64-02-8	None Known	None Known	No
Sodium Nitrite	7632-00-0	None Known	None Known	No
EDTA Tetrasodium	64-02-8	None Known	None Known	No
Glycerol	56-81-5	None Known	None Known	No
Diethanolamine	111-42-2	2 ppm	None Known	Yes

Each component showing Yes under "HAP" is an EPA Hazardous Air Pollutant.

MATERIAL	CAS #	CEILING	STEL(OSHA/ACGIH)
		None Known	None Known

ACUTE HAZARDS

EYE & SKIN CONTACT:

Severe burns to skin, defatting, dermatitis.

Severe burns to eyes, redness, tearing, blurred vision.

Liquid can cause eye irritation. Wash thoroughly after handling.

INHALATION:

Severe respiratory tract irritation may occur. Vapor harmful.

SWALLOWING:

Harmful or fatal if swallowed.

SUBCHRONIC HAZARDS/CONDITIONS AGGRAVATED

CONDITIONS AGGRAVATED

Persons with severe skin, liver or kidney problems should avoid use.

CHRONIC HAZARDS

CANCER, REPRODUCTIVE & OTHER CHRONIC HAZARDS:

This product has no carcinogens listed by IARC, NTP, NIOSH, OSHA or ACGIH, as of this date, greater or equal to 0.1%.

SECTION 12. ECOLOGICAL INFORMATION

MAMMALIAN INFORMATION:

MATERIAL	CAS #	LOWEST KNOWN LETHAL DOSE DATA LOWEST KNOWN LD50 (ORAL)
Propylene Glycol	57-55-6	18300.0 mg/kg(Guinea Pigs)

Annotation:

AQUATIC ANIMAL INFORMATION:

No aquatic environmental information is available on this product.
The substance is harmful to aquatic organisms.

MOBILITY

Mobility of this material has not been determined.

DEGRADABILITY

This product is completely biodegradable.

ACCUMULATION

Bioaccumulation of this product has not been determined.

SECTION 13. DISPOSAL CONSIDERATIONS

Processing, use or contamination may change the waste management options.
Recycle/dispose of observing national, regional, state, provincial and local
health, safety & pollution laws. If in doubt, contact appropriate agencies.

SECTION 14. TRANSPORT INFORMATION

DOT SHIPPING NAME: None. (When weight of product in container is \geq RQ):
BULK: UN3082, RQ, Environmentally hazardous substances,
liquid, n.o.s. (Sodium Nitrite, Diethanolamine), 9, PG-III
IATA / ICAO: None. (When weight of product in container is \geq RQ):
BULK: UN3082, RQ, Environmentally hazardous substances,
liquid, n.o.s. (Sodium Nitrite, Diethanolamine), 9, PG-III
IMO / IMDG: None. (When weight of product in container is \geq RQ):
BULK: UN3082, RQ, Environmentally hazardous substances,
liquid, n.o.s. (Sodium Nitrite, Diethanolamine), 9, PG-III
EMERGENCY RESPONSE GUIDEBOOK NUMBER: 171

SECTION 15. REGULATORY INFORMATION

EPA REGULATION:

SARA SECTION 311/312 HAZARDS: Acute Health

All components of this product are on the TSCA list.

SARA TITLE III INGREDIENTS	CAS#	WT. %	(REG. SECTION)	RQ(LBS)
Sodium Nitrite	7632-00-0	< 5	(311,312)	100
*Diethanolamine	111-42-2	< 1	(313)	100

> 2000 LB / 909 KG OF THIS PRODUCT IN 1 CONTAINER EXCEEDS THE "RQ" OF
SODIUM NITRITE.

Any release equal to or exceeding the RQ must be reported to the National
Response Center (800-424-8802) and appropriate state and local regulatory
agencies as described in 40 CFR 302.6 and 40 CFR 355.40 respectively.
Failure to report may result in substantial civil and criminal penalties.
State & local regulations may be more restrictive than federal regulations.

STATE REGULATIONS

Annotation:

California Proposition 65: This product contains a chemical known to the State of California which may cause cancer or reproductive harm.

INTERNATIONAL REGULATIONS

The components of this product are listed on the chemical inventories of the following countries:

Australia, Canada, China, Europe (EINECS), Japan, Korea, United Kingdom.

SECTION 16. OTHER INFORMATION

HAZARD RATINGS:

HEALTH (NFPA): 0, HEALTH (HMIS): 2, FLAMMABILITY: 1, REACTIVITY: 1
(Personal Protection Rating to be supplied by user based on use conditions.)
This information is intended solely for the use of individuals trained in the NFPA & HMIS hazard rating systems.

EMPLOYEE TRAINING

See Section 3 for Risk & Safety Statements. Employees should be made aware of all hazards of this material (as stated in this MSDS) before handling it.

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For Additional Information contact MSDS Coordinator during business hours, Pacific time: (425) 889-3400

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Univar USA Inc. ("Univar") expressly disclaims all express or implied warranties of merchantability and fitness for a particular purpose, with respect to the product or information provided herein, and shall under no circumstances be liable for incidental or consequential damages.

Do not use ingredient information and/or ingredient percentages in this MSDS as a product specification. For product specification information refer to a product specification sheet and/or a certificate of analysis. These can be obtained from your local Univar sales office.

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