

PRODUCT NAME: ABRO Automatic Transmission Conditioner
PRODUCT NUMBER/SIZE: AC-999

Rev Date: 12/5/2014

SECTION 1 Identification of the Substance and of the Company/Undertaking

MANUFACTURER'S NAME: ABRO INDUSTRIES, INC.
ADDRESS: 3580 Blackthorn Court
South Bend, IN 46628
USA
PRODUCT DESCRIPTION: Automatic Transmission Conditioner
COMPANY PHONE: 574-232-8289
EMERGENCY 24-HR TELEPHONE: Chemtrec: US/Canada 1-800-424-9300
International +1-703-527-3887

SECTION 2 Hazards Identification

Classification:

Aspiration Toxicity (Category 1) H304
Skin Corrosion/Irritation (Category 3) H316
Serious Eye Damage/Eye Irritation (Category 2A) H319

Label Pictogram(s):



Signal Word:

Warning

Hazard Phrases: May be fatal if swallowed and enters airways. Causes mild skin irritation. Causes serious eye irritation.

Precautionary Phrases: Wash hands thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection.

Response: If skin irritation occurs, get medical advice/attention. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice/attention. IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

Storage / Disposal: No data available.

Other: Keep out of reach of children.

SECTION 3
Composition/Information on Ingredients

COMPONENTS	CAS Number	Percent by weight
Distillates (petroleum), Solvent-dewaxed heavy paraffinic	64742-65-0	73.0 -78.0 %
Non-Hazardous Additives	NA	19.5 -24.4 %
Diisodecyl adipate	27178-16-1	2.2 %
Solvent Red Dye	NA	< 0.23 %

SECTION 4
First Aid Measures

Emergency and First Aid Procedures

In Case of Inhalation

Remove to fresh air. If not breathing, give artificial respiration and contact a physician immediately.

In Case of Skin Contact

Wash skin with plenty of soap and water while removing contaminated clothing and shoes. Get medical attention if irritation develops or persists. Wash clothing separately before reuse.

In Case of Eye Contact

In case of eye contact, immediately flush eye with plenty of water for at least 15 minutes. Get medical attention.

In Case of Ingestion

Do NOT induce vomiting, but give one or two glasses of water to drink and get immediate medical attention. Never give anything by mouth to an unconscious person.

Note to Physician

Treat symptomatically.

Signs and Symptoms of Exposure

No data available.

SECTION 5
Fire Fighting Measures

Flash Pt: ~ 102.20 C (216.0 F) Method Used: Pensky-Marten Closed Cup

Explosive Limits: LEL: No data. UEL: No data.

Autoignition Pt: No data available.

Fire Fighting Instructions

As in any fire, wear self-contained breathing apparatus pressure-demand MSHA/NIOSH (approved or equivalent) and full protective gear.

Flammable Properties and Hazards

Can burn in fire, releasing toxic vapors, fumes, and smoke.

Hazardous Combustion Products

Hazardous decomposition products are oxides of carbon and nitrogen including CO and CO2.

Suitable Extinguishing Media

Carbon dioxide, foam, or dry powder.

Unsuitable Extinguishing Media

Do not use water, because this product is oil based. Water may cause frothing.

**SECTION 6
Accidental Release Measures**

Steps To Be Taken In Case Material Is Released or Spilled

Absorb spills with inert material (e.g., dry sand or earth), then place in a chemical waste container. Do not flush to sewer.

Protective Precautions, Protective Equipment and Emergency Procedures

Eliminate all sources of ignition - heat, sparks, flame, electricity, impact, and friction.

Environmental Precautions

Treat or dispose of in accordance with all federal, state, and local requirements.

**SECTION 7
Handling and Storage**

Precautions to be taken in Handling

DO NOT PRESSURIZE OR EXPOSE SUCH CONTAINERS TO HEAT, FLAME, SPARKS, STATIC ELECTRICITY, OR OTHER SOURCES OF IGNITION; THEY MAY EXPLODE AND CAUSE INJURY OR DEATH.

Empty containers should be completely drained, promptly closed, and properly disposed of in accordance with all applicable regulations. Avoid contact with strong oxidizing agents. Wash hands thoroughly after handling.

Precautions to be taken in Storing

Store in a cool dry place, in a tightly closed container. Eliminate all sources of ignition - heat, sparks, flame, electricity, impact, and friction.

**SECTION 8
Exposure Controls/Personal Protection**

COMPONENTS	CAS Number	OSHA PEL	ACGIH TLV	Other Limits
Distillates (petroleum), Solvent-dewaxed heavy paraffinic	64742-65-0	No data	No data	No data
Non-Hazardous Additives	NA	No data	No data	No data
Diisodecyl adipate	27178-16-1	No data	No data	No data
Solvent Red Dye	NA	No data	10 mg/m3	No data

Respiratory Equipment (Specify Type)

Under normal use conditions, with adequate ventilation, no special handling equipment is required. If mists are produced, local ventilation may be required to keep exposure below limits.

Eye Protection

When splashing of the material may occur, chemical goggles and/or a face shield are recommended.

Protective Gloves

Where contact is likely, wear chemical resistant gloves.

Other Protective Clothing

Under normal use conditions, no special protective clothing is required.

Engineering Controls (Ventilation etc.)

Local exhaust ventilation may be necessary to control any air contaminants to within their TLVs during the use of this product. TLV for mineral oil is 5 mg/cubic meter.

Work/Hygienic/Maintenance Practices

Wash hands thoroughly after handling.

SECTION 9
Physical and Chemical Properties

Physical States: [] Gas [X] Liquid [] Solid

Melting Point: No data.

Boiling Point: No data.

Autoignition Pt: No data.

Flash Pt: ~ 102.20 C (216.0 F) Method Used: Pensky-Marten Closed Cup

Specific Gravity (Water = 1): 7.12 - 7.28 at 60.0 F (15.6 C)

Density: 0.854 - 0.873 at 60.0 F (15.6 C)

Vapor Pressure (vs. Air or mm Hg): No data.

Vapor Density (vs. Air = 1): > 1

Evaporation Rate: No data.

Solubility in Water: Insoluble

Percent Volatile: No data.

Appearance and Odor

Clear red liquid with petroleum odor.

SECTION 10
Stability and Reactivity

Stability: Unstable [] Stable [X]

Conditions to Avoid - Instability

Product is stable.

Incompatibility - Materials to Avoid

Avoid contact with strong oxidizing agents.

Hazardous Decomposition or Byproducts

In the case of a fire, oxides of carbon, hydrocarbons, fumes, and smoke may be produced.

Possibility of Hazardous Reactions: Will occur [] Will not occur [X]

Conditions to Avoid - Hazardous Reactions

Hazardous polymerization will not occur.

SECTION 11
Toxicological Information

Toxicological Information

May be harmful if swallowed.

CAS# 64742-65-0:

Acute toxicity, LD (Lethal dose), Oral, Rat, 5.000 GM/KG.

Results:

Behavioral: Alteration of classical conditioning.

- Acute Toxicity Data. Journal of the American College of Toxicology, Part B., Mary Ann Liebert, Inc., 1651

Third Ave., New York, NY 10128, Vol/p/yr: 1,141, 1990

Tumorigenic Effects: TDLo, Skin, Mouse, 386.0 GM/KG, 22 W.

Results:

Tumorigenic: Equivocal tumorigenic agent by RTECS criteria.

Skin and Appendages: Other: Tumors.

Tumorigenic: Tumors at site of application.

- British Journal of Cancer. Macmillan Press Ltd, Houndmills, Basingstoke, Hampshire RG21 2XS UK, Vol/p/yr:

48,429, 1983

CAS# 27178-16-1:

Acute toxicity, LD50, Oral, Rat, 20500. MG/KG.

Results:

Effects on Newborn: Live birth index (# fetuses per litter; measured after birth).

Effects on Newborn: Viability index (e.g., # alive at day {4} per # born alive).

Effects on Newborn: Growth statistics (e.g., reduced weight gain).

- International Polymer Science and Technology. Rapra Technology Ltd., Shawbury, Shrewsbury, Shropshire

SY4 4NR United Kingdom, Vol/p/yr: 3, 93, 1976

Chronic Toxicological Effects

No information available.

Irritation or Corrosion

High vapor concentrations are irritating to the eyes, nose, throat, and lungs. Contact may cause eye irritation. Prolonged or repeated contact may cause skin irritation, local redness, and swelling.

Symptoms related to Toxicological Characteristics

No information available.

Carcinogenicity/Other Information

This product contains no known carcinogenous materials.

COMPONENTS	CAS Number	NTP	IARC	ACGIH	OSHA
Distillates (petroleum), Solvent-dewaxed heavy paraffinic	64742-65-0	n.a.	n.a.	n.a.	n.a.
Non-Hazardous Additives	NA	n.a.	n.a.	n.a.	n.a.
Diisodecyl adipate	27178-16-1	n.a.	n.a.	n.a.	n.a.
Solvent Red Dye	NA	No	No	No	No

Carcinogenicity: NTP? No

IARC Monographs? No

OSHA Regulated? No

SECTION 12 Ecological Information

General Ecological Information

No information available.

Results of PBT and vPvB assessment

No information available.

Persistence and Degradability

No information available.

Bioaccumulative Potential

No information available.

Mobility in Soil

No information available.

SECTION 13 Disposal Considerations

Waste Disposal Method

Avoid disposal into waste water treatment facilities. Treat or dispose of waste materials in accordance with all local, state/provincial, and national requirements. This product, if discarded, is not considered a hazardous waste.

SECTION 14 Transport Information

Multi-modal shipping descriptions are provided for informational purposes and do not consider container sizes. The presence of a shipping description for a particular mode of transport (ocean, air, etc.), does not indicate that the product is packaged suitably for that mode of transport. All packaging must be reviewed for suitability prior to shipment, and compliance with the applicable regulations is the sole responsibility of the person offering the product for transport.

U.S. DOT	UN/ID Number:	Not Regulated
	Proper shipping name:	
	Hazard class:	
	Packing Group:	
	Exceptions:	
	Environmental Hazards:	
	Transport in Bulk:	
	Special Precautions:	

IMO/IMDG	UN/ID Number:	Not Regulated
	Proper shipping name:	
	Hazard class:	
	Packing Group:	
	Exceptions:	
	Environmental Hazards:	

Transport in Bulk:
Special Precautions: Marine Pollutant

ICAO/IATA UN/ID Number: Not Regulated
Proper shipping name:
Hazard Class:
Packing Group:
Exceptions:
Environmental Hazards:
Transport in Bulk:
Special Precautions:

Canada (TDG) UN/ID Number: Not Regulated
Proper shipping name:
Hazard class:
Packing Group:
Exceptions:
Environmental Hazards:
Transport in Bulk:
Special Precautions:

Europe (ADR) UN/ID Number: Not Regulated
Proper Shipping Name:
Tunnel Restriction Code:

SECTION 15
Regulatory Information

US EPA SARA Title III

Components	CAS#	Sec.302 (EHS)	Sec.304 RQ	Sec.313 (TRI)	Sec.110
Distillates (petroleum), Solvent-dewaxed heavy paraffinic	64742-65-0	No	No	No	No
Non-Hazardous Additives	NA	No	No	No	No
Diisodecyl adipate	27178-16-1	No	No	No	No
Solvent Red Dye	NA	No	No	No	No

US EPA CAA, CWA, TSCA

Components	CAS#	EPA CAA	EPA CWA NPDES	EPA TSCA	CA PROP 65
Distillates (petroleum), Solvent-dewaxed heavy paraffinic	64742-65-0	No	No	Inventory	No
Non-Hazardous Additives	NA	No	No	No	No
Diisodecyl adipate	27178-16-1	No	No	Inventory	No
Solvent Red Dye	NA	No	No	No	No

SARA (Superfund Amendments and Reauthorization Act of 1986) Lists:

Sec.302: EPA SARA Title III Section 302 Extremely Hazardous Chemical with TPQ. * indicates 10000 LB TPQ if not volatile.

Sec.304: EPA SARA Title III Section 304: CERCLA Reportable + Sec.302 with Reportable Quantity. ** indicates statutory RQ.

Sec.313: EPA SARA Title III Section 313 Toxic Release Inventory. Note: -Cat indicates a member of a chemical category.

Sec.110: EPA SARA 110 Superfund Site Priority Contaminant List

TSCA (Toxic Substances Control Act) Lists:

Inventory: Chemical Listed in the TSCA Inventory.

5A (2): Chemical Subject to Significant New Rules (SNURS)

6A: Commercial Chemical Control Rules

8A: Toxic Substances Subject To Information Rules on Production

8A CAIR: Comprehensive Assessment Information Rules - (CAIR)

8A PAIR: Preliminary Assessment Information Rules - (PAIR)

8C: Records of Allegations of Significant Adverse Reactions

8D: Health and Safety Data Reporting Rules

8D TERM: Health and Safety Data Reporting Rule Terminations

12(b): Notice of Export

Other Important Lists:

CWA NPDES: EPA Clean Water Act NPDES Permit Chemical

CAA HAP: EPA Clean Air Act Hazardous Air Pollutant

CAA ODC: EPA Clean Air Act Ozone Depleting Chemical (1=CFC, 2=HCFC)

CA PROP 65: California Proposition 65

International Regulatory Lists:

EPA Hazard Categories:

This material meets the EPA 'Hazard Categories' defined for SARA Title III Sections 311/312 as indicated:

Yes No Acute (immediate) Health Hazard

Yes No Chronic (delayed) Health Hazard

Yes No Fire Hazard

Yes No Sudden Release of Pressure Hazard

Yes No Reactive Hazard

SECTION 16
Other Information

The supplier disclaims all expressed or implied warranties of merchantability or fitness for a specific use, with respect to the product or the information provided herein, except for conformation to contracted specifications. All information appearing herein is based upon data obtained from manufacturers and/or recognized technical sources. While the information is believed to be accurate, we make no representations as to its accuracy or sufficiency. Conditions of use are beyond our control, and therefore users are responsible for verifying the data under their own operating conditions to determine whether the product is suitable for their particular purposes and they assume all risks of their use, handling, and disposal of the product. Users also assume all risks in regards to the publication or use of, or reliance upon, information contained herein.

This information relates only to the product designated herein, and does not relate to its use in combination with any other material or process.

ABBREVIATIONS:

NG="NOT GIVEN"

<="LESS THAN"

ND = Not Determined

BT="BETWEEN"

>="GREATER THAN"

NA = Not Applicable