



SAFETY DATA SHEET

ABDICK FINISHER PRESERVER CLEANER

According to OSHA Hazard Communication Standard Rule –
29 CFR 1910.1200 and the Canadian Hazardous Products Act

1. Identification

Product identifier **83-6-105323**

Product name **ABDICK TRITON BLUE FINISHER PRESERVER CLEANER**

Recommended use of the chemical and restrictions on use

Application For use as a plate cleaner, finisher and preserver in the lithographic printing industry. Plate cleaner.

Uses advised against No specific uses advised against are identified.

Details of the supplier of the safety data sheet

Supplier Mark Andy Print Products
201 W Oakton Ave
Des Plaines, IL 60018 USA

+1 800-225-4835 (USA)
+1 800-387-3143 (Canada)
<https://shop.markandy.com>

Emergency telephone 24 HR. EMERGENCY TELEPHONE 800-424-9300 CHEMTREC

**National emergency telephone
number** 911

2. Hazard(s) identification

Classification of the substance or mixture

Physical hazards Flam. Liq. 3 - H226

Health hazards Skin Irrit. 2 - H315 Skin Sens. 1 - H317

Environmental hazards Not Classified

Human health Product has a defatting effect on skin. Irritating to skin. The product contains a sensitizing substance. May cause skin sensitization or allergic reactions in sensitive individuals.

Environmental The product contains a substance which is toxic to aquatic organisms and which may cause long-term adverse effects in the aquatic environment.

Physicochemical Heating will generate vapours which may form explosive vapour/air mixtures.

Label elements

ABDICK FINISHER PRESERVER CLEANER**Pictogram****Signal word**

Warning

Hazard statements

H226 Flammable liquid and vapor.
 H315 Causes skin irritation.
 H317 May cause an allergic skin reaction.

Precautionary statements

P210 Keep away from heat, sparks, open flames and hot surfaces. No smoking.
 P280 Wear protective gloves/protective clothing/eye protection/face protection.
 P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
 P362+P364 Take off contaminated clothing and wash it before reuse.
 P501 Dispose of contents/container in accordance with national regulations.

Contains

1,2-benzisothiazol-3(2H)-one

Other hazards

This product does not contain any substances classified as PBT or vPvB.

3. Composition/information on ingredients**Mixtures**

SOLVENT NAPHTHA (PETROLEUM), MEDIUM ALIPH.; STRAIGHT RUN KEROSENE	10-30%
CAS number: 64742-88-7	

Classification

Flam. Liq. 3 - H226
 Skin Irrit. 2 - H315
 STOT SE 3 - H336
 Asp. Tox. 1 - H304

Benzenesulfonic acid, C10-16-alkyl derivs., compds. with 2-propanamine	1-5%
CAS number: 68584-24-7	

Classification

Skin Irrit. 2 - H315
 Eye Irrit. 2A - H319

1,2-benzisothiazol-3(2H)-one	<1%
CAS number: 2634-33-5	
M factor (Acute) = 10	

Classification

Acute Tox. 4 - H302
 Skin Irrit. 2 - H315
 Eye Dam. 1 - H318
 Skin Sens. 1 - H317

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The Full Text for all Hazard Statements are Displayed in Section 16.

4. First-aid measures

Description of first aid measures

Inhalation	Move affected person to fresh air at once. For breathing difficulties, oxygen may be necessary. If breathing stops, provide artificial respiration. Keep affected person warm and at rest. Get medical attention immediately.
Ingestion	Do not induce vomiting. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Remove affected person from source of contamination. Rinse mouth thoroughly with water. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Get medical attention immediately.
Skin Contact	Remove affected person from source of contamination. Remove contaminated clothing. Wash skin thoroughly with soap and water. Get medical attention if symptoms are severe or persist after washing.
Eye contact	Remove any contact lenses and open eyelids wide apart. Rinse immediately with plenty of water. Continue to rinse for at least 15 minutes. Get medical attention if symptoms are severe or persist after washing.

Most important symptoms and effects, both acute and delayed

Inhalation	Prolonged or repeated exposure to vapors in high concentrations may cause the following adverse effects: Upper respiratory irritation. Drowsiness, dizziness, disorientation, vertigo.
Ingestion	May cause discomfort if swallowed.
Skin contact	Prolonged contact may cause redness, irritation and dry skin. Irritating. The product contains a sensitizing substance. May cause sensitization or allergic reactions in sensitive individuals.
Eye contact	Prolonged contact may cause redness and/or tearing.

Indication of immediate medical attention and special treatment needed

Notes for the doctor	No specific recommendations.
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5. Fire-fighting measures

Extinguishing media

Suitable extinguishing media	Extinguish with the following media: Carbon dioxide (CO ₂). Alcohol-resistant foam. Dry chemicals, sand, dolomite etc.
Unsuitable extinguishing media	Do not use water, if avoidable.

Special hazards arising from the substance or mixture

Specific hazards	The product is flammable. Heating may generate flammable vapors.
Hazardous combustion products	Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours. Oxides of carbon. Oxides of nitrogen. Hydrocarbons.

Advice for firefighters

Protective actions during firefighting	Avoid breathing fire gases or vapors. Containers close to fire should be removed or cooled with water. Control run-off water by containing and keeping it out of sewers and watercourses. If risk of water pollution occurs, notify appropriate authorities.
Special protective equipment for firefighters	Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

6. Accidental release measures

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Personal precautions, protective equipment and emergency procedures

Personal precautions Wear protective clothing as described in Section 8 of this safety data sheet.

Environmental precautions

Environmental precautions Do not discharge into drains or watercourses or onto the ground.

Methods and material for containment and cleaning up

Methods for cleaning up Eliminate all sources of ignition. No smoking, sparks, flames or other sources of ignition near spillage. Provide adequate ventilation. Avoid contact with skin or inhalation of spillage, dust or vapour. Absorb in vermiculite, dry sand or earth and place into containers.

Reference to other sections For waste disposal, see Section 13.

7. Handling and storage

Precautions for safe handling

Usage precautions Keep away from heat, sparks and open flame. Avoid spilling. Avoid contact with skin and eyes. Provide adequate ventilation. Avoid inhalation of vapors. Use approved respirator if air contamination is above an acceptable level.

Conditions for safe storage, including any incompatibilities

Storage precautions Keep away from oxidizing materials, heat and flames. Store in tightly-closed, original container in a dry, cool and well-ventilated place.

Storage class Flammable liquid storage.

Specific end uses(s)

Specific end use(s) The identified uses for this product are detailed in Section 1.2.

8. Exposure Controls/personal protection

Control parameters

Occupational exposure limits

SOLVENT NAPHTHA (PETROLEUM), MEDIUM ALIPH.; STRAIGHT RUN KEROSENE

ACGIH - 8 Hour, TWA - 200 mg/m³

OSHA TWA - 400 ppm, 1600 mg/m³.

Exposure controls

Protective equipment



Appropriate engineering controls

Provide adequate general and local exhaust ventilation.

Eye/face protection

The following protection should be worn: Chemical splash goggles or face shield.

Hand protection

Wear protective gloves made of the following material: Polyvinyl alcohol (PVA). Viton rubber (fluoro rubber). Nitrile rubber.

Other skin and body protection

Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapor contact.

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Hygiene measures	Wash hands at the end of each work shift and before eating, smoking and using the toilet. Wash promptly with soap and water if skin becomes contaminated. Promptly remove any clothing that becomes contaminated. Use appropriate skin cream to prevent drying of skin. When using do not eat, drink or smoke. Do not smoke in work area.
Respiratory protection	No specific recommendations. Respiratory protection may be required if excessive airborne contamination occurs. Respiratory protection must be used if the airborne contamination exceeds the recommended occupational exposure limit.

9. Physical and Chemical Properties

Information on basic physical and chemical properties

Appearance	Viscous liquid. Emulsion.
Color	White/off-white.
Odor	Hydrocarbons.
Odor threshold	No information available.
pH	pH (concentrated solution): 3 - 4
Melting point	Not applicable.
Initial boiling point and range	>100°C/212°F @ 760 mm Hg
Flash point	46°C TCC (Tag closed cup). 115°F TCC (Tag closed cup).
Evaporation rate	< 1 (butyl acetate = 1)
Upper/lower flammability or explosive limits	No information available.
Vapour pressure	<3 mm Hg @ 20°C
Vapour density	>1
Relative density	1 @ 20°C
Bulk density	Not applicable.
Solubility(ies)	Miscible with water.
Partition coefficient	No information available.
Auto-ignition temperature	No information available.
Decomposition Temperature	No information available.
Viscosity	Kinematic viscosity > 20.5 mm ² /s.
Oxidising properties	Not applicable.
Comments	Information declared as "Not available" or "Not applicable" is not considered to be relevant to the implementation of the proper control measures.
Volatile organic compound	This product contains a maximum VOC content of 134 g/l. This product contains a maximum VOC content of 1.1 lb per Gallon.

10. Stability and reactivity

Reactivity	There are no known reactivity hazards associated with this product.
Stability	Stable at normal ambient temperatures.

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Possibility of hazardous reactions	Will not polymerize.
Conditions to avoid	Avoid heat.
Materials to avoid	Strong oxidizing agents. Strong reducing agents. Strong alkalis.
Hazardous decomposition products	Fire creates: Vapours/gases/fumes of: Carbon monoxide (CO). Carbon dioxide (CO ₂). Nitrous gases (NO _x). Hydrocarbons.

11. Toxicological information

Information on toxicological effects

Acute toxicity - oral

Notes (oral LD₅₀) Based on available data the classification criteria are not met.

Acute toxicity - dermal

Notes (dermal LD₅₀) Based on available data the classification criteria are not met.

Acute toxicity - inhalation

Notes (inhalation LC₅₀) Based on available data the classification criteria are not met.

Skin corrosion/irritation

Animal data Irritating.

Serious eye damage/irritation

Serious eye damage/irritation Based on available data the classification criteria are not met.

Respiratory sensitisation

Respiratory sensitisation Based on available data the classification criteria are not met.

Skin sensitisation

Skin sensitisation Sensitizing.

Germ cell mutagenicity

Genotoxicity - in vitro Based on available data the classification criteria are not met.

Carcinogenicity

Carcinogenicity Based on available data the classification criteria are not met.

Reproductive toxicity

Reproductive toxicity - fertility Based on available data the classification criteria are not met.

Specific target organ toxicity - single exposure

STOT - single exposure Based on available data the classification criteria are not met.

Specific target organ toxicity - repeated exposure

STOT - repeated exposure Based on available data the classification criteria are not met.

Aspiration hazard

Aspiration hazard Not anticipated to present an aspiration hazard, based on chemical structure.

Inhalation

May cause respiratory system irritation. The product contains organic solvents. Overexposure may depress the central nervous system, causing dizziness and intoxication.

Ingestion

May cause discomfort if swallowed.

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Skin Contact	Irritating. Contains components which may penetrate the skin. Repeated exposure may cause skin dryness or cracking. The product contains a sensitizing substance. May cause sensitisation by skin contact.
Eye contact	May irritate eyes.
Route of entry	Skin and/or eye contact Inhalation Skin absorption
Target Organs	Central nervous system Respiratory system, lungs Skin Eyes

12. Ecological Information

Ecotoxicity Not known. The product contains substances which are toxic to aquatic organisms and which may cause long-term adverse effects in the aquatic environment. The product may affect the acidity (pH) of water which may have hazardous effects on aquatic organisms.

Toxicity

Acute toxicity - fish Not known.

Acute toxicity - aquatic invertebrates Not known.

Acute toxicity - aquatic plants Not known.

Ecological information on ingredients.

SOLVENT NAPHTHA (PETROLEUM), MEDIUM ALIPH.; STRAIGHT RUN KEROSENE

Acute toxicity - fish LL₅₀, 96 hour: 2 mg/l, Onchorhynchus mykiss (Rainbow trout)

Acute toxicity - aquatic invertebrates EL50, 48 hours: 1.4 mg/l, Daphnia magna

Acute toxicity - aquatic plants EL50, 72 hours: 1 mg/l, Pseudokirchneriella subcapitata

Persistence and degradability

Persistence and degradability There are no data on the degradability of this product. The surfactant(s) contained in this product complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No. 648/2004 on detergents.

Bioaccumulative potential

Bio-Accumulative Potential No data available on bioaccumulation.

Partition coefficient No information available.

Mobility in soil

Mobility The product contains volatile organic compounds (VOCs) which will evaporate easily from all surfaces. The product is miscible with water and may spread in water systems.

Results of PBT and vPvB assessment

Results of PBT and vPvB assessment This product does not contain any substances classified as PBT or vPvB.

Other adverse effects

Other adverse effects Not known.

13. Disposal considerations

Waste treatment methods

ABDICK FINISHER PRESERVER CLEANER

General information When handling waste, the safety precautions applying to handling of the product should be considered. Materials such as cleaning rags and paper wipes that are contaminated with flammable liquids may self-ignite after use and should be stored in designated fireproof containers with tight-fitting, self-closing lids.

Disposal methods Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

14. Transport information

UN Number

UN No. (DOT) 1993

UN No. (IMDG) 1993

UN No. (ICAO) 1993

UN proper shipping name

Proper shipping name (DOT) FLAMMABLE LIQUID, N.O.S. (CONTAINS PETROLEUM DISTILLATES)

Proper shipping name (IMDG) FLAMMABLE LIQUID, N.O.S. (CONTAINS PETROLEUM DISTILLATES)

Proper shipping name (ICAO) FLAMMABLE LIQUID, N.O.S. (CONTAINS PETROLEUM DISTILLATES)

Transport hazard class(es)

IMDG Class 3

ICAO class/division 3

Transport labels



Packing group

DOT pack group III

IMDG packing group III

ICAO packing group III

Environmental hazards

Environmentally Hazardous Substance

No.

Special precautions for user

EmS F-E, S-E

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable.

15. Regulatory information

US Federal Regulations

SARA Section 302 Extremely Hazardous Substances Tier II Threshold Planning Quantities
Not listed.

ABDICK FINISHER PRESERVER CLEANER

CERCLA/Superfund, Hazardous Substances/Reportable Quantities (EPA)

SODIUM HYDROXIDE

<0.1%

BENZENE

<0.1%

Ethylbenzene

<0.1%

CUMENE

<0.1%

TOLUENE

<0.1%

NAPHTHALENE

<0.1%

XYLENE

<1%

SARA Extremely Hazardous Substances EPCRA Reportable Quantities

Not listed.

SARA 313 Emission Reporting

XYLENE

<1%

CAA Accidental Release Prevention

Not listed.

FDA - Essential Chemical

Not listed.

FDA - Precursor Chemical

Not listed.

OSHA Highly Hazardous Chemicals

Not listed.

US State Regulations

California Proposition 65 Carcinogens and Reproductive Toxins

BENZENE

<0.1%

Ethylbenzene

<0.1%

CUMENE

<0.1%

TOLUENE

<0.1%

NAPHTHALENE

<0.1%

California Air Toxics "Hot Spots" (A-I)

ABDICK FINISHER PRESERVER CLEANER

SODIUM HYDROXIDE

<0.1%

oxydipropanol

<1%

BENZENE

<0.1%

Ethylbenzene

<0.1%

CUMENE

<0.1%

TOLUENE

<0.1%

NAPHTHALENE

<0.1%

XYLENE

<1%

California Air Toxics "Hot Spots" (A-II)

Not listed.

California Directors List of Hazardous Substances

SODIUM HYDROXIDE

<0.1%

BENZENE

<0.1%

Ethylbenzene

<0.1%

CUMENE

<0.1%

TOLUENE

<0.1%

NAPHTHALENE

<0.1%

XYLENE

<1%

Massachusetts "Right To Know" List

Glycerine

1-5%

SODIUM HYDROXIDE

<0.1%

BENZENE

<0.1%

Ethylbenzene

<0.1%

ABDICK FINISHER PRESERVER CLEANER

CUMENE

<0.1%

TOLUENE

<0.1%

NAPHTHALENE

<0.1%

XYLENE

<1%

Rhode Island "Right To Know" List

Glycerine

1-5%

SODIUM HYDROXIDE

<0.1%

BENZENE

<0.1%

Ethylbenzene

<0.1%

CUMENE

<0.1%

TOLUENE

<0.1%

NAPHTHALENE

<0.1%

XYLENE

<1%

Minnesota "Right To Know" List

Glycerine

1-5%

SODIUM HYDROXIDE

<0.1%

BENZENE

<0.1%

Ethylbenzene

<0.1%

CUMENE

<0.1%

TOLUENE

<0.1%

NAPHTHALENE

<0.1%

XYLENE

<1%

New Jersey "Right To Know" List

ABDICK FINISHER PRESERVER CLEANER

Glycerine

1-5%

SODIUM HYDROXIDE

<0.1%

BENZENE

<0.1%

Ethylbenzene

<0.1%

CUMENE

<0.1%

TOLUENE

<0.1%

NAPHTHALENE

<0.1%

XYLENE

<1%

Pennsylvania "Right To Know" List

Glycerine

1-5%

SODIUM HYDROXIDE

<0.1%

oxydipropanol

<1%

BENZENE

<0.1%

Ethylbenzene

<0.1%

CUMENE

<0.1%

TOLUENE

<0.1%

NAPHTHALENE

<0.1%

XYLENE

<1%

Inventories

Canada - DSL/NDSL

All the ingredients are listed or exempt.
DSL

US - TSCA

All the ingredients are listed or exempt.

US - TSCA 12(b) Export Notification

Not listed.

ABDICK FINISHER PRESERVER CLEANER

16. Other information

Key literature references and sources for data	Material Safety Data Sheet, Misc. manufacturers.
Revision comments	NOTE: Lines within the margin indicate significant changes from the previous revision.
Issued by	J Waterfield
Revision date	5/12/2015
Revision	2.0
Supersedes date	12/1/2013
SDS No.	21275
Hazard statements in full	H226 Flammable liquid and vapor. H304 May be fatal if swallowed and enters airways. H315 Causes skin irritation. H317 May cause an allergic skin reaction. H319 Causes serious eye irritation. H336 May cause drowsiness or dizziness. H411 Toxic to aquatic life with long lasting effects.
ACA HMIS Health rating.	Moderate hazard. (2)
ACA HMIS Physical hazard rating.	Normally stable. (0)
ACA HMIS Personal protection rating.	C
ACA HMIS Flammability rating.	Burns only if heated moderately. (2)

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