



Allied Pressroom Products  
Chemicals for the International Printing Industry

## SAFETY DATA SHEET TURBO DRY (USA)

### 1. Identification

#### Product identifier

Product name TURBO DRY (USA)

#### Recommended use of the chemical and restrictions on use

Application For use as an ink additive in the lithographic printing industry. Ink additive

Uses advised against No specific uses advised against are identified.

#### Details of the supplier of the safety data sheet

Supplier ALLIED PRESSROOM PRODUCTS  
2040 Lee Street  
Hollywood  
FL 33020  
USA  
+1 800-327-8487 (09:00-17:00 EST)  
+1 954-923-6462  
info@alliedchem.com

#### Emergency telephone number

Emergency telephone Allied Pressroom Products +1 800-327-8487 (09:00-17:00 EST) 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	Not Classified
Health hazards	Skin Irrit. 2 - H315
Environmental hazards	Not Classified

Human health Prolonged skin contact may cause redness and irritation. May cause eye irritation. Considered to be a low inhalation hazard at normal workplace temperatures. May be harmful if inhaled.

#### Label elements

##### Pictogram



Signal word Warning

Hazard statements H315 Causes skin irritation.

Precautionary statements P280 Wear protective gloves/protective clothing/eye protection/face protection.

## TURBO DRY (USA)

### Other hazards

This substance is not classified as PBT or vPvB according to current EU criteria.

### 3. Composition/information on ingredients

#### Mixtures

<b>Fatty acids, tall-oil, manganese salts</b>	<b>60-100%</b>
CAS number: 8030-70-4	
<b>Classification</b>	
Skin Irrit. 2 - H315	

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

### 4. First-aid measures

#### Description of first aid measures

<b>Inhalation</b>	Move affected person to fresh air at once. Get medical attention if any discomfort continues.
<b>Ingestion</b>	Do not induce vomiting. Place unconscious person on their side in the recovery position and ensure breathing can take place. Get medical attention.
<b>Skin Contact</b>	Remove affected person from source of contamination. Wash skin thoroughly with soap and water. Get medical attention if symptoms are severe or persist after washing.
<b>Eye contact</b>	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 any discomfort continues.

#### Most important symptoms and effects, both acute and delayed

<b>Inhalation</b>	Considered to be a low inhalation hazard at normal workplace temperatures. May be harmful if inhaled.
<b>Ingestion</b>	May cause stomach pain or vomiting.
<b>Skin contact</b>	Skin irritation.
<b>Eye contact</b>	Prolonged contact may cause redness and/or tearing.

#### Indication of immediate medical attention and special treatment needed

<b>Notes for the doctor</b>	No specific recommendations.
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### 5. Fire-fighting measures

#### Extinguishing media

<b>Suitable extinguishing media</b>	Extinguish with foam, carbon dioxide or dry powder.
<b>Unsuitable extinguishing media</b>	Do not use water, if avoidable.

#### Special hazards arising from the substance or mixture

<b>Specific hazards</b>	No unusual fire or explosion hazards noted.
<b>Hazardous combustion products</b>	Vapours/gases/fumes of: Carbon monoxide (CO). Carbon dioxide (CO <sub>2</sub> ). Nitrous gases (NO <sub>x</sub> ). Manganese.

#### Advice for firefighters

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<b>Protective actions during firefighting</b>	Do not use water jet as an extinguisher, as this will spread the fire. Containers close to fire should be removed or cooled with water. Do not allow water to contact any leaked material. Control run-off water by containing and keeping it out of sewers and watercourses.
<b>Special protective equipment for firefighters</b>	Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

### 6. Accidental release measures

#### Personal precautions, protective equipment and emergency procedures

<b>Personal precautions</b>	For personal protection, see Section 8. Provide adequate ventilation. Avoid contact with eyes and prolonged skin contact. No smoking, sparks, flames or other sources of ignition near spillage.
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#### Environmental precautions

<b>Environmental precautions</b>	Do not discharge into drains or watercourses or onto the ground.
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#### Methods and material for containment and cleaning up

<b>Methods for cleaning up</b>	Collect and place in suitable waste disposal containers and seal securely. Label the containers containing waste and contaminated materials and remove from the area as soon as possible. Absorb spillage with oil-absorbing material.
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<b>Reference to other sections</b>	For waste disposal, see Section 13.
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### 7. Handling and storage

#### Precautions for safe handling

<b>Usage precautions</b>	Avoid spilling. Avoid contact with skin and eyes. Observe any occupational exposure limits for the product or ingredients. Avoid inhalation of vapors and spray/mists. Keep away from heat, sparks and open flame.
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#### Conditions for safe storage, including any incompatibilities

<b>Storage precautions</b>	Store in tightly-closed, original container in a dry, cool and well-ventilated place. Store away from the following materials: Oxidizing materials.
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#### Specific end uses(s)

<b>Specific end use(s)</b>	The identified uses for this product are detailed in Section 1.2.
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### 8. Exposure Controls/personal protection

#### Control parameters

#### Occupational exposure limits

#### **Fatty acids, tall-oil, manganese salts**

Long-term exposure limit (8-hour TWA): ACGIH 0.02 mg/m<sup>3</sup> fume, respirable fraction

Ceiling exposure limit: OSHA 5 mg/m<sup>3</sup> fume

Long-term exposure limit (8-hour TWA): ACGIH 0.1 mg/m<sup>3</sup> fume, inhalable fraction

as Mn

A4

ACGIH = American Conference of Governmental Industrial Hygienists.

OSHA = Occupational Safety and Health Administration.

A4 = Not Classifiable as a Human Carcinogen.

**Fatty acids, tall-oil, manganese salts (CAS: 8030-70-4)**

## TURBO DRY (USA)

**Immediate danger to life and health** 500 mg/m<sup>3</sup>

### Exposure controls

#### Protective equipment



#### Appropriate engineering controls

Provide adequate ventilation. Avoid inhalation of vapors. Observe any occupational exposure limits for the product or ingredients.

#### Eye/face protection

Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. Unless the assessment indicates a higher degree of protection is required, the following protection should be worn: Tight-fitting safety glasses.

#### Hand protection

Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. It is recommended that gloves are made of the following material: Nitrile rubber.

#### Hygiene measures

Do not smoke in work area. Wash hands at the end of each work shift and before eating, smoking and using the toilet. Change work clothing daily before leaving workplace.

#### Respiratory protection

No specific recommendations. Respiratory protection may be required if excessive airborne contamination occurs.

## 9. Physical and Chemical Properties

### Information on basic physical and chemical properties

Appearance	Liquid.
Color	Brown.
Odor	No characteristic odor.
Odor threshold	No information available.
pH	Not applicable.
Melting point	No information available.
Initial boiling point and range	No information available.
Flash point	>93.3°C CC (Closed cup). >200°F CC (Closed cup).
Evaporation rate	<1 (diethyl ether = 1)
Evaporation factor	No information available.
Upper/lower flammability or explosive limits	No information available.
Vapour pressure	No information available.
Vapour density	> 1
Relative density	1.02 @ 25°C
Bulk density	No information available.
Solubility(ies)	Insoluble in water.
Partition coefficient	No information available.

## TURBO DRY (USA)

<b>Auto-ignition temperature</b>	No information available.
<b>Decomposition Temperature</b>	No information available.
<b>Viscosity</b>	Not available.
<b>Oxidising properties</b>	Not applicable.
<b>Comments</b>	Information declared as "Not available" or "Not applicable" is not considered to be relevant to the implementation of the proper control measures.
<b>Volatile organic compound</b>	This product contains a maximum VOC content of 10.2 g/litre. This product contains a maximum VOC content of 0.09 lb per Gallon.

### 10. Stability and reactivity

<b>Reactivity</b>	There are no known reactivity hazards associated with this product.
<b>Stability</b>	Stable at normal ambient temperatures and when used as recommended.
<b>Possibility of hazardous reactions</b>	Will not polymerize.
<b>Conditions to avoid</b>	Avoid heat, flames and other sources of ignition.
<b>Materials to avoid</b>	Strong oxidizing agents.
<b>Hazardous decomposition products</b>	Fire creates: Carbon monoxide (CO). Carbon dioxide (CO <sub>2</sub> ). Manganese. Nitrous gases (NO <sub>x</sub> ).

### 11. Toxicological information

#### Information on toxicological effects

##### Acute toxicity - oral

**Notes (oral LD<sub>50</sub>)** Based on available data the classification criteria are not met.

##### Acute toxicity - dermal

**Notes (dermal LD<sub>50</sub>)** Based on available data the classification criteria are not met.

##### Acute toxicity - inhalation

**Notes (inhalation LC<sub>50</sub>)** 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** Based on available data the classification criteria are not met.

##### Germ cell mutagenicity

**Genotoxicity - in vitro** Does not contain any substances known to be mutagenic.

##### Carcinogenicity

**Carcinogenicity** Does not contain any substances known to be carcinogenic.

## TURBO DRY (USA)

### Reproductive toxicity

**Reproductive toxicity - fertility** Does not contain any substances known to be toxic to reproduction.

### 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** Based on available data the classification criteria are not met.

### **Inhalation**

No significant hazard at normal ambient temperatures. Heating may generate the following products: Toxic gases or vapors.

### **Ingestion**

May cause discomfort if swallowed. Nausea, vomiting.

### **Skin Contact**

Irritating to skin.

### **Eye contact**

May cause eye irritation.

### **Route of entry**

Skin and/or eye contact Inhalation Ingestion.

### **Target Organs**

Skin Eyes Respiratory system, lungs Gastro-intestinal tract

### **Medical Symptoms**

Skin irritation. Irritation of eyes and mucous membranes. Central nervous system depression. Drowsiness, dizziness, disorientation, vertigo. Behavioral changes.

## 12. Ecological Information

### **Ecotoxicity**

The product is not expected to be hazardous to the environment.

### Toxicity

#### **Acute toxicity - fish**

Not known.

#### **Acute toxicity - aquatic invertebrates**

Not known.

#### **Acute toxicity - aquatic plants**

Not known.

### Persistence and degradability

#### **Persistence and degradability**

There are no data on the degradability of this product.

### Bioaccumulative potential

#### **Bio-Accumulative Potential**

No data available on bioaccumulation.

#### **Partition coefficient**

No information available.

### Mobility in soil

#### **Mobility**

The product has poor water-solubility.

### Results of PBT and vPvB assessment

#### **Results of PBT and vPvB assessment**

This substance is not classified as PBT or vPvB according to current EU criteria.

### Other adverse effects

#### **Other adverse effects**

Not known.

## 13. Disposal considerations

## TURBO DRY (USA)

### Waste treatment methods

**General information** When handling waste, the safety precautions applying to handling of the product should be considered.

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

### 14. Transport information

**General** The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, DoT).

#### UN Number

Not applicable.

#### UN proper shipping name

Not applicable.

#### Transport hazard class(es)

Not applicable.

#### Packing group

Not applicable.

#### Environmental hazards

##### **Environmentally Hazardous Substance**

No.

#### Special precautions for user

Not applicable.

**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.

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

Not listed.

##### **SARA Extremely Hazardous Substances EPCRA Reportable Quantities**

Not listed.

##### **SARA 313 Emission Reporting**

**Fatty acids, tall-oil, manganese salts**

60-100%

##### **CAA Accidental Release Prevention**

Not listed.

##### **FDA - Essential Chemical**

## TURBO DRY (USA)

Not listed.

### FDA - Precursor Chemical

Not listed.

### OSHA Highly Hazardous Chemicals

Not listed.

### US State Regulations

#### California Proposition 65 Carcinogens and Reproductive Toxins

Not listed.

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

Not listed.

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

Not listed.

#### California Directors List of Hazardous Substances

Not listed.

#### Massachusetts "Right To Know" List

Not listed.

#### Rhode Island "Right To Know" List

Not listed.

#### Minnesota "Right To Know" List

Not listed.

#### New Jersey "Right To Know" List

Not listed.

#### Pennsylvania "Right To Know" List

Not listed.

### 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.

### 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**     6/21/2015

**Revision**     2.0



**TURBO DRY (USA)**

<b>Supersedes date</b>	4/26/2013
<b>Hazard statements in full</b>	H315 Causes skin irritation.
<b>ACA HMIS Health rating.</b>	Slight hazard. (1)
<b>ACA HMIS Physical hazard rating.</b>	Normally stable. (0)
<b>ACA HMIS Personal protection rating.</b>	C
<b>ACA HMIS Flammability rating.</b>	Burns only if pre-heated. (1)

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