



Allied Pressroom Products
Chemicals for the International Printing Industry

SAFETY DATA SHEET

Xpress Wash (USA)

1. Identification

Product identifier

Product name Xpress Wash (USA)

Recommended use of the chemical and restrictions on use

Application For use as a blanket and roller wash in the lithographic printing industry. Blanket and roller wash.

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

Manufacturer Same as supplier

Emergency telephone number

Emergency telephone 24 HR. EMERGENCY TELEPHONE 800-424-9300 CHEMTREC Allied Pressroom Products
+1 800-327-8487 (09:00-17:00 EST)

National emergency telephone number 911

2. Hazard(s) identification

Classification of the substance or mixture

Physical hazards Flam. Liq. 2 - H225


Health hazards Skin Irrit. 2 - H315 Eye Irrit. 2A - H319 Skin Sens. 1 - H317 Muta. 1B - H340 Carc. 1B - H350
Repr. 2 - H361d STOT SE 3 - H335, H336

Environmental hazards Not Classified

Human health

Prolonged or repeated contact with skin may cause irritation, redness and dermatitis. The liquid is irritating to eyes and skin. The product contains a sensitizing substance. May cause skin sensitization or allergic reactions in sensitive individuals. Known or suspected mutagen. Contains a substance/a group of substances which may cause cancer. Contains a substance/a group of substances which may damage fertility and the unborn child. Vapors and spray/mists in high concentrations are narcotic. Symptoms following overexposure may include the following: Headache. Fatigue. Dizziness. Nausea, vomiting. Vapors/aerosol spray may irritate the respiratory system.

Xpress Wash (USA)

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	The product is highly flammable. Vapors may form explosive mixtures with air.
Label elements	
Pictogram	
	
Signal word	Danger
Hazard statements	<p>H225 Highly flammable liquid and vapor.</p> <p>H315 Causes skin irritation.</p> <p>H317 May cause an allergic skin reaction.</p> <p>H319 Causes serious eye irritation.</p> <p>H335 May cause respiratory irritation.</p> <p>H336 May cause drowsiness or dizziness.</p> <p>H340 May cause genetic defects.</p> <p>H350 May cause cancer.</p> <p>H361d Suspected of damaging the unborn child.</p>
Precautionary statements	<p>P201 Obtain special instructions before use.</p> <p>P210 Keep away from heat, sparks, open flames and hot surfaces. No smoking.</p> <p>P280 Wear protective gloves/protective clothing/eye protection/face protection.</p> <p>P308+P313 If exposed or concerned: Get medical advice/attention.</p> <p>P333+P313 If skin irritation or rash occurs: Get medical advice/attention.</p> <p>P337+P313 If eye irritation persists: Get medical advice/attention.</p>
Contains	acetone, METHYL ACETATE, 4-chloro- α,α,α -trifluorotoluene, Solvent naphtha (petroleum), light aliph., Strawberry Fragrance, TOLUENE

Other hazards

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

3. Composition/information on ingredients

Mixtures

acetone 30-60% CAS number: 67-64-1
Classification Flam. Liq. 2 - H225 Eye Irrit. 2A - H319 STOT SE 3 - H336
METHYL ACETATE 30-60% CAS number: 79-20-9
Classification Flam. Liq. 2 - H225 Eye Irrit. 2A - H319 STOT SE 3 - H336

Xpress Wash (USA)

4-chloro-α,α,α-trifluorotoluene	10-30%
CAS number: 98-56-6	
Classification	
Flam. Liq. 3 - H226	
Skin Irrit. 2 - H315	
Eye Irrit. 2A - H319	
Skin Sens. 1B - H317	
STOT SE 3 - H335	
Solvent naphtha (petroleum), light aliph.	1-5%
CAS number: 64742-89-8	
Classification	
Flam. Liq. 2 - H225	
Skin Irrit. 2 - H315	
Eye Irrit. 2A - H319	
Muta. 1B - H340	
Carc. 1B - H350	
STOT SE 3 - H336	
Asp. Tox. 1 - H304	
METHANOL	<1%
CAS number: 67-56-1	
Classification	
Flam. Liq. 2 - H225	
Acute Tox. 3 - H301	
Acute Tox. 3 - H311	
Acute Tox. 3 - H331	
STOT SE 1 - H370	
Strawberry Fragrance	<1%
CAS number: —	
Classification	
Flam. Liq. 4 - H227	
Skin Irrit. 2 - H315	
Eye Irrit. 2B - H320	
Skin Sens. 1 - H317	

Xpress Wash (USA)

TOLUENE	<1%
CAS number: 108-88-3	
Classification	
Flam. Liq. 2 - H225	
Skin Irrit. 2 - H315	
Eye Irrit. 2A - H319	
Repr. 2 - H361d	
STOT SE 3 - H336	
STOT RE 2 - H373	
Asp. Tox. 1 - H304	

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	Never give anything by mouth to an unconscious person. 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 irritation persists after washing.

Most important symptoms and effects, both acute and delayed

General information	Known or suspected mutagen. Contains a substance/a group of substances which may damage fertility and the unborn child. Contains a substance/a group of substances which may cause cancer.
Inhalation	Drowsiness, dizziness, disorientation, vertigo. Irritating to respiratory system.
Ingestion	May cause discomfort if swallowed.
Skin contact	Prolonged contact may cause redness, irritation and dry skin. Irritating to skin. May cause an allergic skin reaction.
Eye contact	Irritating.

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.
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Xpress Wash (USA)

Unsuitable extinguishing media Do not use water, if avoidable.

Special hazards arising from the substance or mixture

Specific hazards The product is highly flammable.

Hazardous combustion products Thermal decomposition or combustion products may include the following substances: Oxides of carbon.

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

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. Avoid the spillage or runoff entering drains, sewers or watercourses.

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

7. Handling and storage

Precautions for safe handling

Usage precautions Avoid exposure - obtain special instructions before use. Keep away from heat, sparks and open flame. Avoid spilling. Avoid contact with skin and eyes. Avoid inhalation of vapors. Provide adequate ventilation. Mechanical ventilation or local exhaust ventilation may be required. Use approved respirator if air contamination is above an acceptable level. Storage tanks and other containers must be grounded. In use may form flammable/explosive vapour-air mixture. Use explosion-proof electrical, ventilating and lighting equipment. Contents may develop pressure upon prolonged storage.

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. Ground container and transfer equipment to eliminate sparks from static electricity.

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

Xpress Wash (USA)

Occupational exposure limits

acetone

Long-term exposure limit (8-hour TWA): ACGIH 500 ppm 1188 mg/m³

Long-term exposure limit (8-hour TWA): OSHA 1000 ppm 2400 mg/m³

Short-term exposure limit (15-minute): ACGIH 750 ppm 1782 mg/m³

A4

METHYL ACETATE

Long-term exposure limit (8-hour TWA): ACGIH 200 ppm 606 mg/m³

Long-term exposure limit (8-hour TWA): OSHA 200 ppm 610 mg/m³

Short-term exposure limit (15-minute): ACGIH 250 ppm 757 mg/m³

Solvent naphtha (petroleum), light aliph.

ACGIH - TWA 300ppm / 1370 mg/m³

OSHA - TWA 500ppm / 2000 mg/m³

METHANOL

Long-term exposure limit (8-hour TWA): ACGIH 200 ppm 262 mg/m³

Long-term exposure limit (8-hour TWA): OSHA 200 ppm 260 mg/m³

Short-term exposure limit (15-minute): ACGIH 250 ppm 328 mg/m³

Sk

TOLUENE

Long-term exposure limit (8-hour TWA): ACGIH 20 ppm 75 mg/m³

Long-term exposure limit (8-hour TWA): OSHA 200 ppm

Ceiling exposure limit: OSHA 300 ppm

A4

ACGIH = American Conference of Governmental Industrial Hygienists.

OSHA = Occupational Safety and Health Administration.

A4 = Not Classifiable as a Human Carcinogen.

Sk = Danger of cutaneous absorption.

acetone (CAS: 67-64-1)

Immediate danger to life and health 2500 ppm

METHYL ACETATE (CAS: 79-20-9)

Immediate danger to life and health 3100 ppm

METHANOL (CAS: 67-56-1)

DNEL Industry - Inhalation; Short term systemic effects: 260 mg/m³ Industry - Dermal; Short term systemic effects: 40 mg/kg/day Industry - Inhalation; Short term local effects: 260 mg/kg/day Industry - Inhalation; Long term local effects: 260 mg/m³ Industry - Inhalation; Long term systemic effects: 260 mg/m³ Industry - Dermal; Long term systemic effects: 40 mg/kg/day

PNEC - Soil; 23.5 mg/kg - Marine water; 15.4 mg/l - Intermittent release; 1540 mg/l - Sediment; 570.4 mg/kg - Fresh water; 154 mg/l - STP; 100 mg/l

Immediate danger to life and health 6000 ppm

Xpress Wash (USA)

TOLUENE (CAS: 108-88-3)

Immediate danger to life and health 500 ppm

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.

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

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	Clear liquid.
Color	Water-white.
Odor	Ketonic. / Fruity.
Odor threshold	No information available.
pH	Not applicable.
Melting point	Not applicable.
Initial boiling point and range	132 - 340°F @ 760 mm Hg
Flash point	< 4°F TCC (Tag closed cup).
Evaporation rate	< 1 (butyl acetate = 1)
Upper/lower flammability or explosive limits	Not available.
Vapour pressure	<5 mm Hg @ 20°C
Vapour density	> 1
Relative density	0.89 @ 20°C
Bulk density	Not applicable.
Solubility(ies)	Partially miscible in water.

Xpress Wash (USA)

Partition coefficient	No information available.
Auto-ignition temperature	No information available.
Decomposition Temperature	No information available.
Viscosity	No information available.
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 45 g/l. This product contains a maximum VOC content of 0.4 lb per Gallon.

10. Stability and reactivity

Reactivity	There are no known reactivity hazards associated with this product.
Stability	Stable at normal ambient temperatures.
Possibility of hazardous reactions	Will not polymerize.
Conditions to avoid	Avoid heat, flames and other sources of ignition.
Materials to avoid	Strong oxidizing agents. Strong reducing agents. Strong acids. Strong alkalis.
Hazardous decomposition products	Thermal decomposition or combustion products may include the following substances: Carbon monoxide (CO). Carbon dioxide (CO ₂).

11. Toxicological information

Information on toxicological effects

Acute toxicity - oral

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

ATE oral (mg/kg) 11,365.3

Acute toxicity - dermal

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

ATE dermal (mg/kg) 34,095.9

Acute toxicity - inhalation

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

ATE inhalation (gases ppm) 79,557.1

ATE inhalation (vapours mg/l) 340.96

ATE inhalation (dusts/mists mg/l) 56.83

Skin corrosion/irritation

Animal data Irritating.

Serious eye damage/irritation

Serious eye damage/irritation Causes eye irritation.

Xpress Wash (USA)

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 No specific test data are available. May cause genetic defects.

Carcinogenicity

Carcinogenicity No specific test data are available. Contains a substance/a group of substances which may cause cancer.

Reproductive toxicity

Reproductive toxicity - fertility No specific test data are available. Suspected of damaging fertility or the unborn child.

Specific target organ toxicity - single exposure

STOT - single exposure Drowsiness, dizziness, disorientation, vertigo. Gas or vapor in high concentrations may irritate the respiratory system.

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

Vapors in high concentrations are narcotic. Symptoms following overexposure may include the following: Headache. Fatigue. Dizziness. Nausea, vomiting. Vapors irritate the respiratory system.

Ingestion

May cause discomfort if swallowed.

Skin Contact

Irritating. Prolonged contact may cause redness, irritation and dry skin. The product contains a sensitizing substance. May cause skin sensitization or allergic reactions in sensitive individuals. Contains components which may penetrate the skin.

Eye contact

Irritating.

Acute and chronic health hazards

Contains a substance/a group of substances which may cause cancer. Suspected of damaging fertility or the unborn child. May cause genetic defects.

Route of entry

Inhalation Skin absorption Skin and/or eye contact

Medical Symptoms

Skin irritation. Dry skin. Irritation of eyes and mucous membranes. Drowsiness, dizziness, disorientation, vertigo. Allergic rash. Central nervous system depression. May cause cancer after repeated exposure.

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.

Toxicity

Acute toxicity - fish

Not known.

Acute toxicity - aquatic invertebrates

Not known.

Acute toxicity - aquatic plants

Not known.

Xpress Wash (USA)

Ecological information on ingredients.

Solvent naphtha (petroleum), light aliph.

Acute toxicity - fish	LC ₅₀ , 96 hours: 8.2 mg/l, Onchorhynchus mykiss (Rainbow trout)
Acute toxicity - aquatic invertebrates	EC ₅₀ , 48 hours: 4.5 mg/l, Daphnia magna
Acute toxicity - aquatic plants	EC ₅₀ , 96 hours: 3.7 mg/l, Pseudokirchneriella subcapitata

Persistence and degradability

Persistence and degradability This cleaning preparation does not contain any surfactants. 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 contains volatile organic compounds (VOCs) which will evaporate easily from all surfaces. The product is partly miscible with water and may spread in the aquatic environment.

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

Waste treatment methods

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. (acetone, methyl acetate)
Proper shipping name (IMDG)	FLAMMABLE LIQUID, N.O.S. (acetone, methyl acetate)

Xpress Wash (USA)

Proper shipping name (ICAO) FLAMMABLE LIQUID, N.O.S. (acetone, methyl acetate)

Transport hazard class(es)

IMDG Class 3

ICAO class/division 3

Transport labels



Packing group

DOT pack group II

IMDG packing group II

ICAO packing group II

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 Known

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)

METHANOL

<1%

BENZENE

<0.01%

acetone

30-60%

NAPHTHALENE

<0.01%

TOLUENE

<1%

Ethylbenzene

<1%

XYLENE

<1%

Xpress Wash (USA)

XYLENE-meta

<0.01%

SARA Extremely Hazardous Substances EPCRA Reportable Quantities

Not listed.

SARA 313 Emission Reporting

Ethylbenzene

<1%

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

METHANOL

<1%

BENZENE

<0.01%

NAPHTHALENE

<0.01%

TOLUENE

<1%

Ethylbenzene

<1%

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

METHANOL

<1%

BENZENE

<0.01%

NAPHTHALENE

<0.01%

TOLUENE

<1%

Ethylbenzene

<1%

XYLENE

<1%

Xpress Wash (USA)

XYLENE-meta

<0.01%

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

Not listed.

California Directors List of Hazardous Substances

METHANOL

<1%

METHYL ACETATE

30-60%

BENZENE

<0.01%

acetone

30-60%

NAPHTHALENE

<0.01%

OCTANE

<0.1%

TOLUENE

<1%

Ethylbenzene

<1%

HEPTANE

<1%

XYLENE

<1%

XYLENE-meta

<0.01%

Massachusetts "Right To Know" List

METHANOL

<1%

METHYL ACETATE

30-60%

BENZENE

<0.01%

acetone

30-60%

NAPHTHALENE

<0.01%

OCTANE

<0.1%

TOLUENE

<1%

Xpress Wash (USA)

Ethylbenzene

<1%

HEPTANE

<1%

XYLENE

<1%

XYLENE-meta

<0.01%

Rhode Island "Right To Know" List

METHANOL

<1%

METHYL ACETATE

30-60%

BENZENE

<0.01%

acetone

30-60%

NAPHTHALENE

<0.01%

OCTANE

<0.1%

TOLUENE

<1%

Ethylbenzene

<1%

HEPTANE

<1%

XYLENE

<1%

Minnesota "Right To Know" List

METHANOL

<1%

METHYL ACETATE

30-60%

BENZENE

<0.01%

acetone

30-60%

NAPHTHALENE

<0.01%

OCTANE

<0.1%

TOLUENE

<1%

Xpress Wash (USA)

Ethylbenzene

<1%

HEPTANE

<1%

XYLENE

<1%

New Jersey "Right To Know" List

METHANOL

<1%

METHYL ACETATE

30-60%

BENZENE

<0.01%

acetone

30-60%

NAPHTHALENE

<0.01%

OCTANE

<0.1%

TOLUENE

<1%

Ethylbenzene

<1%

HEPTANE

<1%

XYLENE

<1%

XYLENE-meta

<0.01%

Pennsylvania "Right To Know" List

METHANOL

<1%

METHYL ACETATE

30-60%

BENZENE

<0.01%

acetone

30-60%

NAPHTHALENE

<0.01%

OCTANE

<0.1%

TOLUENE

<1%

Xpress Wash (USA)

Ethylbenzene

<1%

HEPTANE

<1%

XYLENE

<1%

XYLENE-meta

<0.01%

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 6/25/2015

Revision 2.0

Supersedes date 4/1/2014

SDS No. 21501

Hazard statements in full

- H225 Highly flammable liquid and vapor.
- H227 Combustible liquid.
- H315 Causes skin irritation.
- H317 May cause an allergic skin reaction.
- H319 Causes serious eye irritation.
- H320 Causes eye irritation.
- H335 May cause respiratory irritation.
- H336 May cause drowsiness or dizziness.
- H340 May cause genetic defects.
- H350 May cause cancer.
- H361d Suspected of damaging the unborn child.
- H370 Causes damage to organs (Central nervous system, Eyes).

ACA HMIS Health rating. Moderate hazard. (2)

ACA HMIS Physical hazard rating. Normally stable. (0)

ACA HMIS Personal protection rating. C

Xpress Wash (USA)

ACA HMIS Flammability rating. Ignites easily. (3)

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.