

SAFETY DATA SHEET

SECTION 1 - PRODUCT & COMPANY IDENTIFICATION

Product Name: 720 Water Reducible Alkyd Product Code: 720-5005

Trade Name: 720-5005 John Deere Yellow

Adams Paint Mfg Company
1416 N University Ave
Lubbock, Tx 79415
Telephone Number: 806-763-2944
Web Site: adamspaintmfg.com

Emergency Contacts & Phone Numbers
Chemtrec: 800-424-9300
SDS Request Line: 806-763-2944

Product Use: See Product Data Sheet

Not recommended for: See Product Data Sheet

SECTION 2 - HAZARDS IDENTIFICATION

GHS Ratings:

Skin corrosive	3	Reversible adverse effects in dermal tissue, Draize score: $\geq 1.5 < 2.3$
Eye corrosive	2A	Eye irritant: Subcategory 2A, Reversible in 21 days
Mutagen	1B	Known to produce heritable mutations in human germ cells Subcategory 1B, Positive results: In vivo heritable germ cell tests in mammals, Human germ cell tests, In vivo somatic mutagenicity tests, combined with some evidence of germ cell mutagenicity
Carcinogen	1B	Presumed Human Carcinogen, Based on demonstrated animal carcinogenicity
Reproductive toxin	2	Human or animal evidence possibly with other information

GHS Hazards

H316	Causes mild skin irritation
H319	Causes serious eye irritation
H340	May cause genetic defects
H350	May cause cancer
H361	Suspected of damaging fertility or the unborn child

GHS Precautions

P201	Obtain special instructions before use
P202	Do not handle until all safety precautions have been read and understood
P264	Wash thoroughly after handling
P280	Wear protective gloves, protective clothing, eye protection and face protection
P281	Use personal protective equipment as required
P305+P351+P338	IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing
P308+P313	IF exposed or concerned: Get medical attention
P332+P313	If skin irritation occurs: Get medical attention
P337+P313	Get medical attention
P405	Store locked up
P501	Dispose of contents and container in accordance with local and national regulations

Signal Word: Danger



SECTION 3 - COMPOSITION INFORMATION ON INGREDIENTS

Chemical Name	CAS number	Weight Concentration %
Water	7732-18-5	50.00% - 60.00%
2-Butoxyethanol	111-76-2	5.00% - 10.00%
Titanium dioxide	13463-67-7	5.00% - 10.00%
2-Butanol	78-92-2	5.00% - 10.00%
C.I. Pigment Yellow 74	6358-31-2	1.00% - 5.00%
Iron oxide yellow	51274-00-1	1.00% - 5.00%
Naphtha, petroleum, hydrotreated heavy	64742-48-9	0.10% - 1.00%
Stoddard solvent	8052-41-3	0.10% - 1.00%
2-Butanone, oxime	96-29-7	0.10% - 1.00%

SECTION 4 - FIRST AID MEASURES

Inhalation: If inhaled, remove to fresh air. If not breathing, give artificial respiration or give oxygen by trained personnel. Seek immediate medical attention.

Eye Contact: Immediately flush eyes with plenty of water for 10 to 15 minutes. Get medical attention, if irritation or symptoms of overexposure persists.

Skin Contact: Immediately wash skin with soap and water. Get medical attention if irritation develops or persists.

Ingestion: If swallowed, DO NOT induce vomiting. Call physician or poison control center immediately. Never give anything by mouth to an unconscious person.

Other First Aid: Due to possible aspiration into lungs, DO NOT induce vomiting if ingested. Provide a glass of water to dilute the material in the stomach. If vomiting occurs naturally, have person lean forward to reduce risk of aspiration.

SECTION 5 - FIRE FIGHTING MEASURES

Flash Point: Not Applicable

LEL:

UEL:

Suitable Extinguishing Media: Use dry chemical, alcohol foam, carbon dioxide, or water fog to extinguish fire.

Specific Hazards arising from the Chemical: Minimize breathing gases, vapors, fumes or decomposition products.

Protection of Firefighters: Water may be unsuitable as an extinguishing media, but helpful in keeping adjacent containers cool. If a leak or spill has ignited, use water spray to disperse the vapors and to protect the men attempting to stop leak.

Protective Equipment and Precautions for Firefighters: Wear self-contained breathing apparatus and full protective gear.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Personal Precautions: Use proper personal protective equipment as listed in Section 8.

Environmental Precautions: Avoid runoff into storm sewers, ditches and waterways.

Methods for Containment: Contain spilled liquid with sand or earth. DO NOT use combustible materials, such as sawdust.

Methods for Clean-up: Remove all sources of ignition. Provide ventilation. Absorb spill with inert material (dry sand or earth), collect spill with a non-sparking tool then place in a chemical waste container for disposal.

SECTION 7 - HANDLING AND STORAGE

Handling: Use with adequate ventilation. Avoid breathing vapor and contacts with eyes, skin and clothing. Do not reuse containers without proper cleaning or reconditioning.

Hygiene Practices: Wash thoroughly after handling. Avoid contact with eyes and skin. Avoid inhaling vapor or mist.

Storage: Store in a cool dry, well ventilated area away from sources of heat, combustible materials and incompatible substances. Keep container tightly closed when not in use. Keep from freezing.

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Chemical Name / CAS No.	OSHA Exposure Limits	ACGIH Exposure Limits	Other Exposure Limits
Water 7732-18-5	Not Established	Not Established	Not Established
2-Butoxyethanol 111-76-2	50 ppm TWA; 240 mg/m3 TWA	20 ppm TWA	NIOSH: 5 ppm TWA; 24 mg/m3 TWA
Titanium dioxide 13463-67-7	15 mg/m3 TWA (total dust)	10 mg/m3 TWA	Not Established
2-Butanol 78-92-2	150 ppm TWA; 450 mg/m3 TWA	100 ppm TWA	NIOSH: 100 ppm TWA; 305 mg/m3 TWA 150 ppm STEL; 455 mg/m3 STEL
C.I. Pigment Yellow 74 6358-31-2	Not Established	Not Established	Not Established
Iron oxide yellow 51274-00-1	Not Established	Not Established	Not Established
Naphtha, petroleum, hydrotreated heavy 64742-48-9	Not Established	Not Established	Not Established
Stoddard solvent 8052-41-3	500 ppm TWA; 2900 mg/m3 TWA	100 ppm TWA	NIOSH: 350 mg/m3 TWA 1800 mg/m3 Ceiling (15 min)
2-Butanone, oxime 96-29-7	Not Established	Not Established	Not Established

Engineering Controls: Use appropriate engineering control such as process enclosures, local exhaust ventilation or other engineering controls to control airborne levels below recommended exposure limits. Good general ventilation should be sufficient to control airborne levels. Where such systems are not effective, wear suitable personal protective equipment, which performs satisfactorily and meets OSHA or other recognized standards. Consult with local procedures for selection, training, inspection and maintenance of the personal protective equipment.

Eye / Face Protection: Wear protective glasses or splash goggles as described by 29 CFR 1910.133, OSHA eye and face protection regulations.

Skin Protection: Chemical-resistant gloves and chemical goggles, face-shield and synthetic apron or coveralls should be used to prevent contact with eye, skin or clothing.

Respiratory Protection: A NIOSH-approved air-purifying respirator with an organic vapor cartridge or canister may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits. Protection provided by air-purifying respirators is limited. Use a positive-pressure, air-supplied respirator if there is any potential for uncontrolled release, exposure levels are not known or any other circumstances where air-purifying respirators may not provide adequate protection.

General Hygiene Considerations: Avoid breathing vapor or mist. Avoid contact with eyes and skin. Wash thoroughly after handling and before eating or drinking.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

<p>Appearance: Liquid</p> <p>Vapor Pressure: No Data</p> <p>Vapor Density: Heavier than air</p> <p>Lbs / Gallon: 8.95</p> <p>Freezing point: 32 F</p> <p>Boiling range: 100°C</p> <p>Evaporation rate: Slower than Ether</p> <p>Explosive Limits: Not Applicable</p> <p>Autoignition temperature: 230°C</p> <p>Viscosity: No Data</p>	<p>Odor: Slight ammonia</p> <p>Odor threshold: No Data</p> <p>pH: 8.0 to 9.5</p> <p>Melting point: No Data</p> <p>Solubility: Complete</p> <p>Flash point: Not Applicable</p> <p>Flammability: Not applicable</p> <p>Partition coefficient (n-octanol/water): No Data</p> <p>Decomposition temperature: No Data</p> <p>VOC g/l: 369.725</p>
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SECTION 10 - STABILITY AND REACTIVITY

Chemical Stability: Stable

Conditions to Avoid: Freezing.

Incompatible Materials: None known.

Hazardous Decomposition Products: Incomplete combustion may produce carbon monoxide and carbon dioxide.

Hazardous Polymerization: Will not occur.

SECTION 11 - TOXICOLOGICAL INFORMATION

Mixture Toxicity

Inhalation Toxicity LC50: 292mg/L

Component Toxicity

111-76-2	2-Butoxyethanol	Oral LD50: 1,300 mg/kg (Rat) Dermal LD50: 2,000 mg/kg (Rat) Inhalation LC50: 5 mg/L (Rat)
96-29-7	2-Butanone, oxime	Oral LD50: 930 mg/kg (Rat) Dermal LD50: 0 mg/kg (Rabbit) Inhalation LC50: 20 mg/L (Rat)

Miscellaneous Toxicological Information:

Notice: Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal.

<u>CAS Number</u>	<u>Description</u>	<u>% Weight</u>	<u>Carcinogen Rating</u>
96-29-7	2-Butanone, oxime	.1 to 1.0%	2-Butanone, oxime:
64742-48-9	Naphtha, petroleum, hydrotreated heavy	.1 to 1.0%	Naphtha, petroleum, hydrotreated heavy: EU REACH: Present (P)
8052-41-3	Stoddard solvent	.1 to 1.0%	Stoddard solvent: EU REACH: Present (P)

SECTION 12 - ECOLOGICAL INFORMATION

No additional information provided for this product. See Section 3 for chemical specific data.

Component Ecotoxicity

2-Butoxyethanol	96 Hr LC50 Lepomis macrochirus: 1490 mg/L [static]; 96 Hr LC50 Lepomis macrochirus: 2950 mg/L 48 Hr EC50 Daphnia magna: >1000 mg/L
2-Butanol	96 Hr LC50 Pimephales promelas: 3380 - 3990 mg/L [flow-through] 48 Hr EC50 Daphnia magna: 1859 - 7143 mg/L [Static]
Naphtha, petroleum, hydrotreated heavy	96 Hr LC50 Pimephales promelas: 2200 mg/L
2-Butanone, oxime	96 Hr LC50 Pimephales promelas: 777 - 914 mg/L [flow-through]; 96 Hr LC50 Poecilia reticulata: 760 mg/L [static] 48 Hr EC50 Daphnia magna: 750 mg/L 72 Hr EC50 Desmodesmus subspicatus: 83 mg/L

SECTION 13 - DISPOSAL CONSIDERATIONS

Waste Disposal: Consult with the US EPA Guidelines listed in 40 CFR Part 261.3 for the classification of hazardous waste prior to disposal. Furthermore, consult with your state and local waste requirements or guidelines, if applicable, to ensure compliance. Arrange disposal in accordance to the EPA and / or state and local guidelines.

SECTION 14 - TRANSPORT INFORMATION

Agency	Proper Shipping Name	UN Number	Packing Group	Hazard Class
DOT	Not Regulated			

SECTION 15 - REGULATORY INFORMATION

Additional regulatory listings, where applicable.

CERCLA RQ:

Component	RQ (lbs)
Ammonium hydroxide	1000

SARA 311/312 Hazard Classes: Acute, Chronic

State of California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): WARNING!

This product contains the following chemicals which are listed by the State of California as carcinogenic or a reproductive toxin:

13463-67-7 Titanium dioxide 5 to 10 % Carcinogen

SARA 302 Components:

- None

SARA 313 TOXIC CHEMICALS:

78-92-2 2-Butanol 5 to 10 %

Toxic Substances Control Act (TSCA): All chemicals except those listed below appear in the Toxic Substances Control Act Chemical Substance Inventory.

- None

SECTION 16 - OTHER INFORMATION

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to the information contained herein. We accept no responsibility and disclaim all liability for any harmful effects which may be caused by exposure to our products. Customers/users of this product must comply with all applicable health and safety laws, regulations and orders.

Reviewer Revision

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