

SAFETY DATA SHEET

SDS NUMBER: A12
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No. Pages: 6

01 PRODUCT AND COMPANY IDENTIFICATION

Product Name:
Product Code: 601X12342
Recommended Use: Printing Ink: Offset

Address:
Phone:
Fax:
Initials of Country:

02 HAZARDS IDENTIFICATION

GHS Classification:

Flammable Liquids	Category 4
Acute Toxicity (oral)	Category 4
Acute Toxicity (inhalation)	Category 4
Skin Corrosion / Irritation	Category 3
Serious Eye Damage/Irritation	Category 2A
Reproductive toxicity (the unborn child)	Category 2

Environmental hazards: Not Classified
OSHA defined hazards: Not classified

SIGNAL WORD: Warning



HAZARD PICTOGRAMS:

PRECAUTIONARY STATEMENTS

PHYSICAL HAZARDS

PREVENTION

RESPONSE

H227 Combustible liquid.	P210 Keep away from heat, hot surfaces, open flames and other ignition sources. No smoking.	P370+P378 In case of fire: Use water for. Foam. Dry chemical powder, or carbon dioxide (CO2) to extinguish.
H302 Harmful if swallowed.	P280 Wear protective gloves / protective clothing / eye protection / face protection.	P301+P312 IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
H332 Harmful if inhaled.	P264 Wash hands / eyes thoroughly after handling.	P330 Rinse mouth.
H316 Causes mild skin irritation.	P270 Do not eat, drink, or smoke when using this product.	P304+P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
H319 Causes serious eye irritation.	P261 Avoid breathing dust/fumes/gas/mist / vapors/spray	P332+P313 If skin irritation occurs: Get medical advice/attention.

H361 Suspected of damaging fertility or the unborn child.

P271 Use only outdoors or in a well ventilated area.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P201 Obtain special instructions before use.

P337+P313 If eye irritation persists: Get medical advice/attention.

P281 Use personal protective equipment as required.

P308+P313 IF Exposed or concerned: Get medical advice/attention.

STORAGE: P403 Store in a well ventilated place. P405 Store locked up.

03. COMPOSITION/INFORMATION ON INGREDIENTS

For Mixtures:

Chemical Name	Cas No. and other unique identifiers	Concentration %
Trade Secret*	Proprietary	40
Distalles (Petroleum) Hydrotreated Heavy Paraffinic	64742-54-7	33
2-ethylhexanoic acid, zirconium salt	22464-99-9	22
Naphtha (Petroleum) Hydrotreated, heavy	64742-48-9	5

* Designates that a specific chemical identity and/or percentage has been withheld as a trade secret.

04. FIRST AID MEASURES

Inhalation:

Remove victim to fresh air and keep at rest in a position comfortable for breathing. Oxygen or artificial respiration if needed. Call a POISON CENTER or doctor/physician if you feel unwell.

Skin contact:

Remove contaminated clothing. Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention. Wash contaminated clothing before reuse.

Eye contact:

Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if Rinse mouth. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs. Get medical advice/attention if you feel unwell.

Ingestion:

Most important symptoms/effects, acute and delayed

Indication of immediate medical attention and special treatment needed

Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if Rinse mouth. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs. Get medical advice/attention if you feel unwell.

05. FIRE FIGHTING MEASURES

Flashpoint:

122C / 252F (ASTM D-93 method)

Auto ignition:

260C / 500F

Flammable Limits

LEL:

Not determined

UEL:

Not determined

Extinguishing Media:

Suitable extinguishing media Water fog. Foam. Dry chemical powder. Carbon dioxide (CO₂). Unsuitable extinguishing Do not use water jet as an extinguisher, as this will spread the fire.

Unusual Fire/Explosion Hazards:

The product is combustible, and heating may generate vapors which may form explosive vapor/airmixtures. During fire, gases hazardous to health may be formed.

Fire fighting equipment/instructions

Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

FIRE FIGHTING EQUIPMENT:

Firefighters and others who are exposed should wear self-contained breathing apparatus. Equipment should be thoroughly decontaminated after use.

06. ACCIDENTAL RELEASE MEASURES

Personal Precautions:

Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Wear appropriate protective equipment and clothing during clean-up. Avoid inhalation of vapors and spray mists. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.

Environmental Precautions:

Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS. Avoid discharge into drains, water courses or onto the ground.

Small Spills:

Absorb small spills with an inert material and then place in a chemical waste container. Refer to section 13 for disposal information and Sections 14 and 15 for reportable quantity information.

Large Spills:

Contain large spills with dikes and transfer the material to appropriate containers for reclamation or disposal. Absorb remaining material with an inert material such as sand. Clean spill area with detergent.

07. HANDLING AND STORAGE

Handling Precautions:

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep away from open flames, hot surfaces and sources of ignition. Avoid inhalation of vapors and spray mists. Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. Do not taste or swallow. When using, do not eat, drink or smoke. Pregnant or breastfeeding women must not handle this product. Should be handled in closed systems, if possible. Use only outdoors or in a well-ventilated area. Wear appropriate personal protective equipment. Wash hands thoroughly after handling. Observe good industrial hygiene practices.

Storage Requirements:

Store locked up. Keep away from heat, sparks and open flame. Store in a cool, dry place out of direct sunlight. Store in original tightly closed container. Store in a well-ventilated place. Keep in an area equipped with sprinklers. Store away from incompatible materials (see Section 10 of the SDS).

08. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limits

US. OSHA Table Z-1 Limits for Air Contaminants Safety showers, eyewash station and adequate ventilation.

Components	Limit Standards		Note
Naphtha (Petroleum) Hydrotreated, heavy (CAS 64742-48-9)	PEL	400 mg/m ³	N/A

Engineering Controls:

Safety showers, eyewash station and adequate ventilation.

<i>Eye Protection:</i>	Chemical respirator with organic vapor cartridge and full facepiece.
<i>Hand Protection:</i>	Wear appropriate chemical resistant gloves. Suitable gloves can be recommended by the glove supplier.
<i>Body Protection:</i>	Wear appropriate chemical resistant clothing. Use of an impervious apron is recommended.
<i>Respiratory Protection:</i>	Chemical respirator with organic vapor cartridge and full facepiece.

09. PHYSICAL AND CHEMICAL PROPERTIES

<i>Physical State:</i>	Liquid, beige color
<i>pH Value:</i>	Not determined
<i>Boiling Range:</i>	392F
<i>Vapor Pressure (mmHg):</i>	> 0.54 mm Hg
<i>Vapor Density:</i>	>1 at 101 kPa
<i>Flash Point:</i>	141.8 F / 61.0 C
<i>Specific Gravity:</i>	1.25
<i>LBS. VOC/Gallon of Ink::</i>	1.36
<i>% VOC (WT):</i>	13

10. STABILITY AND REACTIVITY

<i>Reactivity:</i>	The product is stable and non-reactive under normal conditions of use, storage
<i>Chemical stability:</i>	Stable
<i>Possibility of hazardous reactions:</i>	No hazardous reactions when stored and handled according to instructions. This product is chemically stable.
<i>Conditions to avoid:</i>	Avoid heat, sparks, open flames and other ignition sources. Avoid temperatures exceeding the flash point. Contact with incompatible materials.
<i>Incompatibilities:</i>	Strong oxidizing agents.
<i>Hazardous Decomposition Products:</i>	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

11. TOXICOLOGICAL INFORMATION

INFORMATION ON TOXICOLOGICAL EFFECTS

Hazard Class	Conclusion / Remarks
Inhalation	Harmful if inhaled.
Ingestion	Harmful if ingested.
Skin	Causes skin irritation.
Eye	Causes serious eye irritation.
Acute Toxicity:	Harmful if inhaled. Harmful if swallowed.
Germ Cell Mutagenicity: Data available.	No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.
Carcinogenicity: No end point data for material.	This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.

Reproductive Toxicity: Data available.

Not expected to be a reproductive toxicant. Based on test data for structurally similar materials. Test(s) equivalent or similar to OECD Guideline 414 422

12. ECOLOGICAL INFORMATION

Ecotoxicity:

The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

Persistence and degradability:

No data available.

Bioaccumulative potential:

No data available.

Mobility in soil:

No data available.

Other adverse effects:

No data available.

13. DISPOSAL CONSIDERATIONS

Disposal instructions:

Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Dispose of contents/container in accordance with local/regional/national/international regulations.

DISPOSAL CONSIDERATIONS:

Dispose in accordance with federal, state, and local regulations.

MISCELLANEOUS ADVICE:

This material and its container must be disposed of in a safe way. It is the waste generator's responsibility to determine if a particular waste is hazardous under RCRA. Dispose of through a licensed facility.

14. TRANSPORT INFORMATION

Land (DOT)

Proper Shipping Name: Paint related material

UN Number: UN1263

Transport Hazard Class: Combustible liquid

Packing Group: III

IATA Not regulated as dangerous goods

IMDG Not regulated as dangerous goods

DOT Combustible liquid 3

15. REGULATORY INFORMATION

EPA TSCA Inventory: The chemical compounds of this product are contained on the Section 8(B) Chemical Substance Inventory List (40CFR710).

Yes

This product contains the following components that are listed by IARC as possibly carcinogenic to humans (Group 2B):

-- Not regulated

OSHA (29 CFR 1910.1200 Appendix A) Classification:

-- Not regulated

US EPA RCRA Status: This product contains the following ingredients that are classified as hazardous wastes as this term is defined by the Resource, Conservation, and Recovery Act (RCRA), 40 CFR 261: -- Not regulated

SARA Section 304 Emergency release notification: -- Not regulated

SARA (311, 312) Hazard Class: No

SARA 313 (TRI Reporting) -- Not regulated

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPS) List -- Not regulated

Clean Air Act (CAA) Section 112r Accidental Release Prevention (40 CFR 68.130) -- Not regulated

Safe Drinking Water Act (SDWA) -- Not regulated

US. California Controlled Substances. CA Department of Justice (California Health and Safety Code Section 11100) -- Not listed

State Regulations

US. California. Candidate Chemicals List. Safer Consumer Products Regulations (Cal. Code Regs, tit. 22, 69502.3, subd.a) Distalles (Petroleum), Hydrotreated Heavy Paraffinic (CAS 64742-54-7)
Naphtha (Petroleum), Hydrotreated, Heavy (CAS 64742-48-9)
TRADE SECRET (CAS Proprietary)

California Proposition 65: No

US. Massachusetts RTK - Substance List Naphtha (Petroleum), Hydrotreated, Heavy (CAS 64742-48-9)

US. New Jersey Worker and Community Right-to-Know Act Naphtha (Petroleum), Hydrotreated, Heavy (CAS 64742-48-9)
TRADE SECRET (CAS Proprietary)

US. Pennsylvania Worker and Community Right-to-Know Law Naphtha (Petroleum), Hydrotreated, Heavy (CAS 64742-48-9)

A bulletin such as this cannot be expected to cover all possible individual situations. As the user has the responsibility to provide a safe workplace, all aspects of an individual operation should be examined to determine if or where precautions (in addition to those described herein) are required. Any health hazard and safety information contained herein should be passed on to your employees.

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