



Safety Data Sheet

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Revision Number 1

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product identifier

Product Name INK DEGRADENT PRESS WASH

Other means of identification

Product Code D3 IDPW

Recommended use of the chemical and restrictions on use

Recommended use Solvent.
Uses advised against None identified

Manufacturer/Importer/Supplier/Distributor Information

D3 INDUSTRIAL PRODUCTS INC.
11968 Monarch St. Garden Grove, CA. 92841, USA
Tel: 714-892-1999 Fax: 714-200-0955

Emergency Telephone Number

Company Phone Number Chemtel 24 Hour Emergency Response
Emergency Telephone Number IN USA 800-255-3924 OUTSIDE THE USA 813-248-0585

2. HAZARDS IDENTIFICATION

DANGER!!

2.1 HAZARD STATEMENTS: (CAT = Hazard Category)

- H226 COMBUSTIBLE LIQUID (N. AMERICA);
FLAMMABLE LIQUID & VAPOR (ELSEWHERE).
- H304 MAY BE FATAL IF SWALLOWED AND ENTERS AIRWAY
- H315 CAUSES SKIN IRRITATION.
- H320 CAUSES EYE IRRITATION.
- H335 MAY CAUSE RESPIRATORY IRRITATION. (CAT:3)
- H402 HARMFUL TO AQUATIC LIFE.



2.2 PRECAUTIONARY STATEMENTS:

P100s = General, P200s = Prevention, P300s = Response, P400s = Storage, P500s = Disposal

- P261 Avoid breathing dust/fume/gas/mist/vapors/spray
- P264 Wash with soap & water thoroughly after handling
- P271 Use only outdoors or in a well-ventilated area.
- P280 Wear protective gloves/protective clothing/eye protection/face protection
- P302+352 IF ON SKIN: Wash with soap & water.
- P304+340 IF INHALED: Remove victim to fresh air & keep at rest in a position comfortable for breathing.
- P305+351+338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present & easy to do - Continue rinsing.
- P312 Call a POISON CENTER or doctor/physician if you feel unwell
- P332+313 If skin irritation occurs: Get medical advice/attention.
- P337+313 If eye irritation persists, get medical advice/attention.
- P361 Remove/Take off immediately all contaminated clothing.
- P363 Wash contaminated clothing before reuse.

SEE SECTIONS 8, 11 & 12 FOR TOXICOLOGICAL INFORMATION.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS-No.	EINECS-No.	Weight %
Ink Degradar Press,Wash	CAS: 64742-48-9	EINECS: 265-200-4	95-100

The specific chemical component identities and/or the exact component percentages of this material may be withheld as a trade secret. This information is made available to health professionals, employees, and designated representatives in accordance with the applicable provisions of 29 CFR 1910.1200(I)(1).

TRACE COMPONENTS: Trace ingredients (if any) are present in < 1% concentration, (< 0.1% for potential carcinogens, reproductive toxins, respiratory tract mutagens, and sensitizers). None of the trace ingredients contribute significant additional hazards at the concentrations that may be present in this product. All pertinent hazard information has been provided in this document, per the requirements of the Federal Occupational Safety and Health Administration Standard (29 CFR 1910.1200), U.S. State equivalents, and Canadian Hazardous Materials Identification System Standard (CPR4).

4. FIRST AID MEASURES

FIRST AID MEASURES

Eye contact	If this product enters the eyes, open eyes while under gently running water. Use sufficient force to open eyelids. "Roll" eyes to expose more surface. Minimum flushing is for 15 minutes. Seek immediate medical attention.
Skin contact	If the product contaminates the skin, immediately begin decontamination with running water. Minimum flushing is for 15 minutes. Remove contaminated clothing, taking care not to contaminate eyes. If skin becomes irritated and irritation persists, medical attention may be necessary. Wash contaminated clothing before reuse, discard contaminated shoes.
Inhalation	After high vapor exposure, remove to fresh air. If breathing is difficult, give oxygen. If breathing has stopped, trained personnel should immediately begin artificial respiration. If the heart has stopped, trained personnel should immediately begin cardiopulmonary resuscitation (CPR). Seek immediate medical attention.
Ingestion	If swallowed, CALL PHYSICIAN OR POISON CONTROL CENTER FOR MOST CURRENT INFORMATION. If professional advice is not available, give two glasses of water to drink. DO NOT INDUCE VOMITING. Never induce vomiting or give liquids to someone who is unconscious, having convulsions, or unable to swallow. Seek immediate medical attention.

Most important symptoms and effects, both acute and delayed

Symptoms Refer to Section 11 - Toxicological Information

Indication of any immediate medical attention and special treatment needed

Notes to Physician There is no specific antidote. Treatment of overexposure should be directed at the control of symptoms and the clinical condition of the patient. Any material aspirated during vomiting may cause lung injury. Therefore, emesis should not be induced mechanically or pharmacologically. If it is considered necessary to evacuate the stomach contents, this should be done by means least likely to cause aspiration (such as: Gastric lavage after endotracheal intubation).

Other information

Call 911 or emergency medical service. Ensure that medical personnel are aware of the material(s) involved, take precautions to protect themselves and prevent spread of contamination.

5. FIRE-FIGHTING MEASURES

Extinguishing media

Suitable extinguishing media
Unsuitable extinguishing media

Alcohol-resistant foam. Carbon dioxide (CO₂). Dry chemical
 High volume water jet.

Hazardous combustion products

Carbon Dioxide. Carbon oxides.

Explosion Data

Sensitivity to Mechanical Impact
Sensitivity to Static Discharge

Do not spray on an open flame or any other incandescent material. Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapors). Keep away from open flames, hot surfaces and sources of ignition..

Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

Further Information

Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. For safety reasons in case of fire, cans should be stored separately in closed containments. Use a water spray to cool fully closed containers.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal Precautions

Use personal protective equipment. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. Beware of vapors accumulating to form explosive concentrations. Vapors can accumulate in low areas.

Environmental precautions

Environmental precautions

Prevent product from entering drains. Prevent further leakage or spillage if safe to do so. If the product contaminates rivers and lakes or drains inform respective authorities.

Methods and material for containment and cleaning up

Methods for Containment

Absorb spilled liquid with polypads or other suitable absorbent materials. (e.g. sand, earth, diatomaceous earth, vermiculite). If necessary, neutralize using suitable buffering material, (acid with soda ash or base with phosphoric acid), and test area with litmus paper to confirm neutralization.

Methods for Cleaning Up

Place in container for disposal according to local / national regulations (see section 13)

7. HANDLING AND STORAGE

Precautions for safe handling

Handling

Avoid formation of aerosol. Do not breathe vapors/dust. Avoid contact with skin and eyes. For personal protection see section 8. Smoking, eating and drinking should be prohibited in the application area. Take precautionary measures against static discharges. Provide sufficient air exchange and/or exhaust in work rooms. Open drum carefully as content may be under pressure. Dispose of rinse water in accordance with local and national regulations.

Conditions for safe storage, including any incompatibilities

Storage

No smoking. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Observe label precautions. Electrical installations / working materials must comply with the technological safety standards

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Chemical Name	CAS-No.	EINECS-No.	TWA (OSHA)	TLV (ACGIH)
Odorless Mineral Spirits	CAS: 64742-48-9	EINECS: 265-200-4	500 ppm	100 ppm

Appropriate engineering controls

Engineering Measures

Adequate ventilation systems as needed to control concentrations of airborne contaminants below applicable threshold limit values. If adequate ventilation is not available or there is potential for airborne exposure above the exposure limits, a respirator may be worn up to the respirator exposure limitations, check with respirator equipment manufacturer's recommendations/limitations. For a higher level of protection, use positive pressure supplied air respiration protection or Self-Contained Breathing Apparatus or if oxygen levels are below 19.5% or are unknown

Individual protection measures, such as personal protective equipment

Eye/face Protection

Eye wash bottle with pure water. Tightly fitting safety goggles.

Skin and Body Protection

Impervious clothing. Wear as appropriate. Choose body protection according to the amount and concentration of the dangerous substance at the work place. Workers should wear antistatic footwear.

Respiratory Protection

Wear a supplied-air NIOSH approved respirator unless ventilation or other engineering controls are adequate to maintain minimal oxygen content of 19.5% by volume under normal atmospheric pressure. Wear a NIOSH approved respirator that provides protection when working with this material if exposure to harmful levels of airborne material may occur, such as: Air-Purifying Respirator for Organic Vapors. Use a positive pressure, air-supplying respirator if there is potential for uncontrolled release, exposure levels are not known, or other circumstances where air-purifying respirators may not provide adequate protection.

Hygiene Measures

Do not use, and/or consume foods, beverages, tobacco products, or cosmetics in areas where this material is stored. Wash hands and face carefully before eating, drinking, using tobacco, applying cosmetics, or using the toilet.

Environmental Exposure Controls

Follow best practice for site management and disposal of waste.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Material / Description			
Physical form:	Liquid	Appearance/Description:	Liquid
Color:	Water-white	Odor:	Mild, hydrocarbon
Odor Threshold:	Data lacking	Molecular weight:	Data lacking
General Properties			
Boiling Point: (IBP,50%,Dry Point):	171-191-204° C / 340-376-400° F	Melting Point:	Data lacking
Decomposition Temperature:	Data lacking	pH:	Data lacking
Specific Gravity, @ 20/20° C:	0.77	Water Solubility:	Negligible
Viscosity 38 °C (100 °F):	1.12 cSt	Explosive Properties:	Not Explosive
Oxidizing Properties:	Not an Oxidizer		
Volatility			
Vapor Pressure, @ 20° C (68° F):	1.00MMHG	Vapor Density:	5.2
Evaporation Rate (n-Butyl Acetate= 1):	0.177		
Flammability			
Flash Point, (TCC)	52° C / 127° F	UFL:	6.0

LFL:	0.95	Auto-Ignition Temperature:	260° C / 500° F
Environmental			
Octanol/Water Partition coefficient	Data lacking		

10. STABILITY AND REACTIVITY

Chemical stability

Stable under recommended storage conditions.

Possibility of Hazardous Reactions

None under normal processing.

Hazardous Polymerization Hazardous polymerization does not occur.

Conditions to Avoid

Isolate from oxidizers, heat, & open flame.

Incompatible materials

Reacts with strong oxidants, causing fire & explosion hazard.

Hazardous Decomposition Products

Carbon Monoxide, Carbon Dioxide from burning

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Inhalation	Anesthetic. Irritates respiratory tract. Acute overexposure can cause serious nervous system depression. Vapor harmful.
Eye contact	Primary irritation to eyes, redness, tearing, blurred vision. Liquid can cause eye irritation
Skin contact	Primary irritation to skin, defatting, dermatitis. Wash thoroughly after handling.
Ingestion	Harmful or fatal if swallowed. Swallowing can cause abdominal irritation, nausea, vomiting & diarrhea. The symptoms of chemical pneumonitis may not show up for a few days.

Component Information

GHS Properties	Classification
Acute toxicity	Acute Toxicity - Dermal - (Rabbit): LD50 > 5000 mg/kg; Acute Toxicity Inhalation - (Rat) 4 hour(s) LC50 > 4951 mg/m3; Acute Toxicity - Oral - (Rat): LD50 > 5000 mg/kg
Aspiration Hazard	EU/CLP • Not relevant OSHA HCS 2012 • Not relevant May be fatal if swallowed and enters airways. Based on physico-chemical properties of the material
Carcinogenicity	EU/CLP • Data lacking OSHA HCS 2012 • Data lacking
Germ Cell Mutagenicity	EU/CLP • Data lacking OSHA HCS 2012 • Data lacking
Skin corrosion/Irritation	EU/CLP • Data lacking OSHA HCS 2012 • Data lacking
STOT-RE	EU/CLP • Data lacking OSHA HCS 2012 • Data lacking Not expected to cause organ damage from prolonged or repeated exposure. Based on test data for structurally similar materials
STOT-SE	EU/CLP • Data lacking OSHA HCS 2012 • Data lacking May cause drowsiness or dizziness. Based on assessment of the components
Toxicity for Reproduction	EU/CLP • Data lacking OSHA HCS 2012 • Data lacking

Respiratory sensitization	EU/CLP • Data lacking OSHA HCS 2012 • Data lacking
Serious eye damage/Irritation	EU/CLP • Data lacking OSHA HCS 2012 • Data lacking May cause mild, short-lasting discomfort to eyes. Based on test data for structurally similar materials

12. ECOLOGICAL INFORMATION

Ecotoxicity

Not expected to be harmful or demonstrate chronic toxicity to aquatic organisms

Persistence and degradability

This product is expected to be readily biodegradable.

Mobility

Mobile liquid

Bioaccumulation

This product does not accumulate or biomagnify

Test	Duration	Organism Type	Test Results
Aquatic - Acute Toxicity	72 hour(s)	Pseudokirchneriella subcapitata	EL50 > 1000 mg/l
Aquatic - Acute Toxicity	72 hour(s)	Pseudokirchneriella subcapitata	NOELR 100 mg/l
Aquatic - Acute Toxicity	96 hour(s)	Oncorhynchus mykiss	LL50 > 1000 mg/l
Aquatic - Acute Toxicity	48 hour(s)	Daphnia magna	EL0 1000 mg/l

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Waste Disposal Method

Do not dispose of waste into sewer. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of in accordance with applicable regulations.

Contaminated Packaging

Empty remaining contents. Dispose of as unused product. Do not re-use empty containers. Do not burn, or use a cutting torch on, the empty drum. Dispose of in accordance with applicable regulations.

14. TRANSPORT INFORMATION

DOT

UN1268, Petroleum Distillates, N.O.S., Combustible liquid, PG-III Combustible liquid.

Note: The flash point of this material is greater than 100 F. Regulatory classification of this material varies. DOT: Flammable liquid or combustible liquid. OSHA: Combustible liquid. IATA/IMO: Flammable liquid. This material is not regulated under 49 CFR in a container of 119 gallon capacity or less when transported solely by land, as long as the material is not a hazardous waste, a marine pollutant, or specifically listed as a hazardous substance

IATA

UN1268, Petroleum Distillates, N.O.S., Combustible liquid, PG-III

IMDG / IMO

UN1268, Petroleum Distillates, N.O.S., Combustible liquid, PG-III

ERG Number: 128

15. REGULATORY INFORMATION

International Inventories

Odorless Mineral Spirits (64742-48-9)		ENCS	Complies
TSCA	Complies	IECSC	Complies
DSL	Complies	PICCS	Complies
EINECS	Complies	AICS	Complies

Legend

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

Canada Workplace Hazardous Materials Information System (WHMIS)

Canada (WHMIS) Classifications of Substances

64742-48-9 D2B: Irritating to skin / eyes.

Canada (WHMIS) Ingredient Disclosure List

64742-48-9 B3: Combustible Liquid

U.S. Federal Regulations

SARA 313

This material contains no known products restricted under SARA Title III, Section 313 in amounts greater or equal to 1%.

SARA 311/312 Hazard Categories

Acute health hazard	Yes
Chronic Health Hazard	Yes
Fire hazard	Yes
Sudden release of pressure hazard	No
Reactive Hazard	No

OSHA

Not listed

U.S. State Regulations

California

Proposition 65 This product does not contain any Proposition 65 chemicals

AQMD Rule 443.1 & Similar This product meets the requirements of the Southern California regulations

U.S. State Right-to-Know Regulations

This product does not contain any substances regulated by state right-to-know regulations

This product has been classified in accordance with hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all information required by the CPR.

16. OTHER INFORMATION

HEALTH (NFPA): 0, HEALTH (HMIS): 1, FLAMMABILITY: 2, PHYSICAL HAZARD: 0
 (Personal Protection Rating to be supplied by user based on use conditions.)

This information is intended solely for the use of individuals trained in the NFPA & HMIS hazard rating systems.

Prepared by
Issuing Date

Product Steward
 08-May-2015

Disclaimer

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Abbreviation Key:

NDA = No Data Available

End of SDS