

Material Safety Data Sheet

Material Identity: ImageSolv DP

SECTION 1 · COMPANY AND PRODUCT IDENTIFICATION

Manufactured for:
All Printing Resources
3005 Chastain Meadows
Parkway Suite 400
Marietta, GA 30066

Emergency Phone: (800) 424-9300
Information Phone: (770) 420-4006
Product Use: Solvent

SECTION 2 · HAZARDS IDENTIFICATION

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)

Flammable liquids Category 4
Eye irritation Category 2A
Skin Irritation Category 2
Acute toxicity, Oral Category 4
Acute toxicity, Inhalation Category 4

GHS Label elements, including precautionary statements

Pictograms



Signal Word: Danger

Hazard statement(s)

H227 Combustible Liquid
H315 Causes skin irritation
H319 Causes serious eye irritation.
H302 + H332 Harmful if swallowed or if inhaled
H336 May cause drowsiness or dizziness.

Precautionary statement(s)

P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
P264 Wash thoroughly after handling.
P270 Do not eat, drink or smoke when using this product.
P271 Use only outdoors or in a well-ventilated area.
P273 Avoid release to the environment.
P280 Wear protective gloves/clothing and eye/face protection.
P302+ P352 IF ON SKIN: Wash with plenty of water.
P304 + P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P332+ P313 If skin irritation occurs: Get medical advice/attention.
P362+ P364 Take off contaminated clothing and wash it before reuse.
P370+ P378 In case of fire: Use water spray, dry chemical, carbon dioxide, or alcohol resistant foam to extinguish.
P403 Store in a well-ventilated place.
P501 Dispose of contents/ container to an approved waste disposal plant.

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SECTION 3 · COMPOSITION / INFORMATION ON INGREDIENTSCHEMICAL

CHEMICAL NAME	CAS Number	%Weight
2-Ethylhexyl Acetate	103-09-3	40-55
Benzyl Alcohol	100-51-6	20-30
Proprietary Mixture	None assigned	20-30

Contains no impurities or stabilizing additives which themselves are classified and which contribute to the classification of this product.

SECTION 4 · FIRST AID MEASURES

Eyes: Flush with running water for several minutes. Seek medical attention if irritation persists.

Skin: Wash exposed skin with soap and water. Seek medical attention if irritation persists.

Inhalation: For excessive inhalation remove to fresh air. If not breathing, give artificial respiration. Seek medical attention.

Ingestion: DO NOT induce vomiting. If vomiting occurs naturally, have victim lean forward to reduce risk of aspiration. Rinse mouth with water. Seek medical attention.

See Section 11 for **Signs and Symptoms of Exposure**

SECTION 5 · FIRE FIGHTING MEASURES

Extinguishing Media: To extinguish flames use water spray, dry chemical, carbon dioxide or fire fighting foam.

Fire Fighting Procedures: Cool exposed containers with water spray. Wear self-contained breathing apparatus (SCBA) operated in pressure demand mode and full bunker firefighter's protective clothing.

Fire and Explosion Hazards: Containers can rupture and explode under fire conditions due to pressure and vapor buildup. Heated vapors may form explosive mixture with air.

SECTION 6 · ACCIDENTAL RELEASE

Ventilate the area and stop source of spill. Salvage and recycle as much material as possible. Eliminate sources of ignition.

For small spills, use absorbent material such as towels or absorbent powders. Put all material into proper waste disposal container.

For larger spills, contain spill, recover free liquid, use absorbent material to dry area and then rinse area with water. Put all material into appropriate waste containers. Avoid contaminating ground and surface water.

SECTION 7 · STORAGE AND HANDLING

Handling: Wear personal protection equipment. Avoid contact with eyes, skin and clothing. Avoid ingestion and inhalation. Use only in well-ventilated area. Wash thoroughly after handling. Empty containers retain product residue (liquid and/or vapor), and can be dangerous.

Storage: Do not breath vapors. Always store in tightly sealed, and properly labeled original container. Store in a cool, dry well-ventilated area, away from acute fire hazards.

Other Precautions: Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed.

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SECTION 8 · EXPOSURE CONTROLS AND PERSONAL PROTECTION

Engineering Controls: Use explosion-proof ventilation equipment. Provide ventilation or other engineering controls to keep the airborne concentrations of vapor or mists below the applicable workplace exposure limits indicated below. The level of protection and types of controls will vary depending upon potential exposure conditions.

Exposure Limits:	2-Ethylhexyl Acetate	400 ppm ACGIH	400 ppm OSHA
	Benzyl Alcohol	10 ppm ACGIH	20 ppm OSHA
	Proprietary Ingredient	No ACGIH or OSHA biological limit allocated.	

Personal Protective Equipment (PPE):

Eyes: Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133.

Skin: If prolonged or repeated skin contact is likely, wear appropriate protective gloves.

Clothing: Selection of protective clothing depends on work conditions.

Respirators: Where adequate ventilation is not available an approved respirator must be worn. Respirator selection, use and maintenance should be in accordance with the requirements of OSHA Respiratory Protection Standard, 29 CFR 1920.134. In confined areas, use a self-contained breathing apparatus.

Other Equipment: Adequate explosion proof ventilation to control airborne concentrations below the exposure limits. Eye wash station and drenching shower in close proximity to use are advised.

SECTION 9 · PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Liquid

Odor/Appearance: sweet, alcoholic / colorless

Odor threshold: No available data

pH: No available data

Melting point/freezing point: -63 °F

Initial boiling point and boiling range: 383 – 405 °F

Flash point: 167 °F

Evaporation rate: No available data

Flammability (solid, gas): No available data

Flammability Limits: LEL: 1 UEL: 9

Vapor pressure: 0.28 mmHg

Vapor density: 3.9

Relative density: 0.896

Solubility: Negligible

Partition coefficient: n-octanol/water: 4.2

Auto-ignition temperature: >500 °F

Decomposition temperature: No available data

Viscosity: No available data

SECTION 10 · STABILITY AND REACTIVITY

Chemical Stability: Stable under normal use and temperature conditions.

Conditions to Avoid: Avoid heat, sparks, open flames and other sources of ignition.

Materials to Avoid: Strong oxidizers.

Decomposition Products: When combusted, oxides of carbon and various hydrocarbons.

Possibility of hazardous reactions: Will not occur under normal use and temperature conditions.

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SECTION 11 · TOXICOLOGICAL INFORMATION

Signs and Symptoms of Overexposure:

Skin: Contact can cause redness, irritation and dermatitis. Severity depends on the amount and duration of exposure.

Eyes: Vapors may be irritating to the eyes. Liquid contact will cause stinging and tearing.

Inhalation: Excessive inhalation of high concentrations may be harmful. Mist or vapor can irritate the throat and lungs. Breathing this material may cause central nervous system depression.

Ingestion: If swallowed this material may irritate the mucous membranes of the mouth throat and esophagus. Aspiration of this material into the lungs may result in damage or death.

Acute oral toxicity:

Flex2-18 LD50 rat: 3,200 - 5,890 mg/kg

Acute inhalation toxicity:

Flex2-18 LC50 rat: 45,000 mg/m³ 2h

Acute dermal toxicity:

Flex2-18 LD50 rabbit: > 5,000 mg/kg

Germ Cell mutagenicity: Not classified

Carcinogenicity: Not classified

Reproductive Toxicity: Not classified

STOT single exposure: Not classified

STOT repeated exposure: Not classified

SECTION 12 · ECOLOGICAL INFORMATION

ECOTOXICITY: Toxicity to fish LC50 - *Oncorhynchus mykiss* (rainbow trout) - 350.00 - 600.00 mg/l - 96 h

Bio-accumulative potential: Bioaccumulation of this product is unlikely. This product is readily biodegradable.

Mobility: High potential for soil mobility.

SECTION 13 · DISPOSAL CONSIDERATIONS

Chemical waste generators must determine at the time of disposal, whether a discarded chemical is classified as a hazardous waste. Chemical additions, processing or otherwise altering this material may make waste management information presented in this SDS incomplete, inaccurate or otherwise inappropriate. The transportation, storage, treatment and disposal of this waste material must be conducted in compliance with 40 CFR 262, 263, 264, 268 and 270. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.

SECTION 14 · TRANSPORTATION

U.S. DEPARTMENT OF TRANSPORTATION (Road or Rail):

Proper Shipping Name: Not a DOT Regulated Material

Hazard Class:

NA Number:

Packaging Group:

Note: This material is not regulated under 49 CFR in a container of 119 gallon capacity or less when transported solely by land.

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SECTION 15 · REGULATORY INFORMATION

US FEDERAL REGULATIONS

Comprehensive Environmental Response and Liability Act (CERCLA) This material is not subject to any special reporting under the requirements of the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA).

SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302. The reportable quantity (RQ) for this material has not been established. If appropriate, immediately report to the National Response Center (800/424-8802) as required by U.S. Federal Law. Also contact appropriate state and local regulatory agencies.

Toxic Substance Control Act (TSCA): All components of this product are on the Chemical Substance Inventory and designated as active in U.S. Commerce.

SARA Section 311/312 (40 CFR 370) Hazard Categories:

Acute Health Hazard, Chronic Health Hazard

SARA Section 313 (40 CFR 372) Hazard Categories: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

Clean Water Act: This product contains no chemicals that are listed as Hazardous Substances under the CWA.

Clean Air Act: This product contains no chemicals that are listed as Hazardous Substances under the CAA.

California Prop 65: This product contains no chemicals known by the State of California to cause cancer, birth defects or other reproductive harm.

SECTION 16 · OTHER INFORMATION

SDS Origination Date: March 2022

National Fire Protection Association (NFPA) Ratings: This information is intended solely for the use of individuals trained in the NFPA system.

Health: 1

Flammability: 2

Reactivity: 0

The information contained on this Safety Data Sheet is considered accurate as of the date of publication. It is not necessarily all-inclusive or fully adequate in every circumstance. The suggestions should not be confused with, nor followed in violation of applicable laws, regulations, rules or insurance requirements. No warranty, express or implied, of merchantability, fitness, accuracy of data, or the results to be obtained from the use thereof is made. The vendor assumes no responsibility for injury or damages resulting from the inappropriate use of this product.