Nu-Calgon

Safety Data Sheet
acc. to OSHA HCS

Date of issue: 09/10/2026 Reviewed on 09/10/2026

1 Identification

Product name: EasyDye (4050-51)
· **Other means of identification**

Product Code 4050-51
· **Application of the substance / preparation** Dyestuff/Coloring agent

· **Details of the supplier of the safety data sheet**
· **Manufacturer/Supplier:**
Nu-Calgon Wholesaler, Inc.
2611 Schuetz Road
St Louis, MO 63043 USA
+1-800-554-5499 / +1-314-469-7000

· **Department:** Regulatory
· **Emergency telephone number:**
· **Emergency Telephone:**
For Chemical / Medical Emergency, 24 hours:
INFOTRAC: (800) 535-5053 (US and CDN)
1-352-323-3500 (INTL)

2 Hazard(s) identification

· **Classification of the substance or mixture**


GHS08 Health hazard

Aspiration hazard 1 H304 May be fatal if swallowed and enters airways.


GHS07

Specific target organ toxicity (single exposure) 3 H336 May cause drowsiness or dizziness.
· **Additional information:** Not applicable

· **Label elements**
· **GHS label elements**
The product is classified and labeled according to the Globally Harmonized System (GHS).
· **Hazard pictograms** GHS07, GHS08
· **Signal word** Danger

· **Hazard-determining components of labeling:**
Solvent naphtha (petroleum), heavy arom.
· **Hazard statements**
H336 May cause drowsiness or dizziness.
H304 May be fatal if swallowed and enters airways.
· **Precautionary statements**
P261 Avoid breathing dust/fume/gas/mist/vapors/spray
P271 Use only outdoors or in a well-ventilated area.
P301+P310 If swallowed: Immediately call a poison center/doctor.
P331 Do NOT induce vomiting.
P304+P340 If inhaled: Remove person to fresh air and keep comfortable for breathing.
P312 Call a poison center/doctor if you feel unwell.
P403+P233 Store in a well-ventilated place. Keep container tightly closed.
P405 Store locked up.
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

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· **Classification according to (d)(1)(ii) of § 1910.1200**
The SDS issuer does not object to the classifications provided by importers or manufacturers of precursor products.
· **Hazards not otherwise classified**
There are no adverse physical or health effects known that are not covered by the hazard classes of the Hazard Communications Standard.

3 Composition/information on ingredients

· **Chemical characterization: Mixtures**
· **Description:** Mixture of the substances listed below with nonhazardous additions.

· **Hazardous components:**			
64742-94-5	Solvent naphtha (petroleum), heavy arom.	Aspiration hazard 1, H304	≥15-≤60%

4 First-aid measures

· **Description of first aid measures**

· **After inhalation:** Supply fresh air; consult doctor in case of complaints.

· **After skin contact:** Immediately wash with water and soap and rinse thoroughly.

· **After eye contact:**
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
Rinse opened eye for several minutes under running water.

· **After swallowing:** Seek medical treatment.
· **Most important symptoms and effects, both acute and delayed** No further relevant information available.
· **Indication of any immediate medical attention and special treatment needed**
No further relevant information available.

5 Fire-fighting measures

· **Extinguishing media**
· **Suitable extinguishing agents:**
CO2, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
· **Special hazards arising from the substance or mixture**
Formation of toxic gases is possible during heating or in case of fire.
No further relevant information available.
· **Advice for firefighters**
· **Protective equipment:**
Wear self-contained respiratory protective device.
Wear fully protective suit.
· **Additional information**
Collect contaminated fire fighting water separately. It must not enter the sewage system.

6 Accidental release measures

· **Personal precautions, protective equipment and emergency procedures**
Ensure adequate ventilation
Wear protective clothing.
· **Environmental precautions:**
Do not allow undiluted product or large quantities to directly enter the sewage system or any water course.

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Do not allow undiluted product or large quantities to directly enter sewers/ surface or ground water.
· **Methods and material for containment and cleaning up:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Dispose contaminated material as waste according to section 13.
Ensure adequate ventilation.
· **Reference to other sections**
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

7 Handling and storage

· **Precautions for safe handling** Prevent formation of aerosols.
· **Protection against explosions and fires:** No special measures required.
· **Special Sensitivity:** Keep container closed when not in use.

· **Conditions for safe storage, including any incompatibilities**
· **Storage:**
· **Requirements for storerooms and containers:** No special requirements.
· **Further information about storage conditions:** None.
· **Specific end use(s)** No further relevant information available.

8 Exposure controls/personal protection

· **Control parameters**

· **Components with limit values that require monitoring at the workplace:**	
64742-94-5 Solvent naphtha (petroleum), heavy arom.	
ACGIH-TLV	Short-term value: 10 mg/m³ Long-term value: 5 mg/m³

· **Ingredients with biological limit values:**
· **Additional Occupational Exposure Limit Values for possible hazards during processing:**
Oil mists: When mists / aerosols can occur, the following are recommended: 5 mg/m³ - ACGIH TLV

· **Exposure controls**
· **Appropriate engineering controls**
Facilities using this material should be equipped with an eye wash station and a safety shower.
· **Personal protective equipment:**
· **General protective and hygienic measures:**
Do not allow product to reach soil or surface water. Handle with care to minimize any exposure. The usual precautionary measures should be used when handling commercial/industrial chemicals.
Keep away from foodstuffs, beverages and feed.
Wash hands before breaks and at the end of work.
· **Breathing equipment:**
In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air.
· **Protection of hands:**
Use of gloves suggested; concentrated dye/pigment products may stain skin if directly contacted.
· **Glove Material** No specified glove material; most liquid-impervious protective gloves will suffice.
· **Eye protection:** Goggles recommended during refilling.
· **Body protection:** Protective work clothing

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9 Physical and chemical properties

· **Information on basic physical and chemical properties**
· **General Information**

· **Physical state**	Liquid
· **Color:**	Yellow-brown
· **Odor:**	Petrol-like
· **Melting point/Melting range:**	Undetermined
· **Boiling point/Boiling range:**	400 °C (752 °F)
· **Flammability:**	Not applicable
· **Explosion limits:**	
· **Lower:**	Not determined
· **Upper:**	Not determined
· **Flash point:**	>98 °C (>208.4 °F)
· **Auto igniting:**	Not autoigniting.
· **Decomposition temperature:**	Not determined
· **pH-value:**	Not determined
· **Solubility in / Miscibility with**	
· **Water:**	Not miscible or difficult to mix.
· **Vapor pressure at 20 °C (68 °F):**	0.1 hPa
· **Vapor pressure:**	
· **Density:**	Not determined
· **Relative density**	Not determined
· **Particle characteristics**	Not applicable

· **Other information**
· **Appearance:**

· **Form:**	Liquid

· **Protection of health, Safety and Environment**

· **Ignition temperature:**	Product is not selfigniting.
· **Danger of explosion:**	Product does not present an explosion hazard.

10 Stability and reactivity

· **Reactivity** No further relevant information available.
· **Chemical stability**
· **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
· **Possibility of hazardous reactions** No dangerous reactions known.
· **Conditions to avoid** No further relevant information available.
· **Incompatible materials:** No further relevant information available.
· **Hazardous decomposition products:**
In the case of a fire, oxides of carbon, fumes, and smoke may be produced.

11 Toxicological information

· **Information on toxicological effects**
· **Acute toxicity:**
· **LD/LC50 values that are relevant for classification:**
Product has not been tested.

64742-94-5 Solvent naphtha (petroleum), heavy arom.		
Oral	LD50	>5,000 mg/kg (rat)

· **Primary irritant effect:**
· **on the skin:** No irritant effect.

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· **on the eye:** No irritating effect.
· **Sensitization:** No sensitizing effects known.

· **Additional toxicological information:**
The product shows the following dangers according to internally approved calculation methods for preparations:
· **Interactive effects** No interactive effects between components are known.

· **Carcinogenic categories**

· **IARC (International Agency for Research on Cancer)**
None of the ingredients is listed.

· **NTP (National Toxicology Program)**
None of the ingredients is listed.

· **OSHA-Ca (Occupational Safety & Health Administration)**
None of the ingredients is listed.

· **Alternative sources for toxicological information**
No non-standard sources for toxicological information where used.

12 Ecological information

· **Toxicity**
· **Aquatic toxicity:** No further relevant information available.
· **Persistence and degradability** No further relevant information available.
· **Bioaccumulative potential** No further relevant information available.
· **Mobility in soil** No further relevant information available.
· **Other adverse effects**
· **Additional ecological information:**
· **General notes:**
Do not allow product to reach ground water, water course or sewage system.
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

13 Disposal considerations

· **Waste treatment methods**
· **Recommendation:**
Must be specially treated adhering to official regulations.
Do not allow undiulated product or large quantities to reach ground water or sewage system.

· **Uncleaned packagings:**
· **Recommendation:** Disposal must be made according to official regulations.

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14 Transport information

· **UN-Number**
· **DOT, ADR, ADN, IMDG, IATA** Not applicable.

· **UN proper shipping name**
· **DOT, ADR, ADN, IMDG, IATA** Not applicable.

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· **Transport hazard class(es)**

· **DOT, ADR, ADN, IMDG, IATA**
· **Class** Not applicable.

· **Packing group**
· **DOT, ADR, IMDG, IATA** Not applicable.

· **Environmental hazards:** Not applicable

· **Special precautions for user** Not applicable

· **UN "Model Regulation":** Not applicable.

15 Regulatory information

· **CERCLA Reportable Quantity (RQ)**
· **SARA**

· **Section 355 (extremely hazardous substances):**
None of the ingredients is listed.

· **Section 313 (Specific toxic chemical listings):**
None of the ingredients is listed.

· **TSCA (Toxic Substances Control Act):**
All components have the value ACTIVE.

· **Hazardous Air Pollutants**
None of the ingredients is listed.

· **Carcinogenic categories**

· **EPA (Environmental Protection Agency)**
None of the ingredients is listed.

· **TLV (Threshold Limit Value)**
None of the ingredients is listed.

· **NIOSH-Ca (National Institute for Occupational Safety and Health)**
None of the ingredients is listed.

· **Clean Water Act**

· **Clean Water Act - Toxic Pollutants (40 CFR 401.15)**
None of the ingredients is listed.

· **GHS label elements**
The product is classified and labeled according to the Globally Harmonized System (GHS).
· **Hazard pictograms** GHS07, GHS08
· **Signal word** Danger

· **Hazard-determining components of labeling:**
Solvent naphtha (petroleum), heavy arom.
· **Hazard statements**
H336 May cause drowsiness or dizziness.
H304 May be fatal if swallowed and enters airways.
· **Precautionary statements**
P261 Avoid breathing dust/fume/gas/mist/vapors/spray
P271 Use only outdoors or in a well-ventilated area.

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P301+P310 If swallowed: Immediately call a poison center/doctor.
P331 Do NOT induce vomiting.
P304+P340 If inhaled: Remove person to fresh air and keep comfortable for breathing.
P312 Call a poison center/doctor if you feel unwell.
P403+P233 Store in a well-ventilated place. Keep container tightly closed.
P405 Store locked up.
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

· **National regulations:**

· **Other regulations, limitations and prohibitive regulations**
Este producto contiene riesgos agudos y/o cronicos segun SARA 311 o 312.
· **Substances of very high concern (SVHC) according to REACH, Article 57**
None of the substances are listed.

· **Other classification information**
· **NFPA ratings (scale 0 - 4)**



Health = 1
Fire = 1
Reactivity = 0

· **HMIS-ratings (scale 0 - 4)**



Health = 1
Fire = 1
Reactivity = 0

16 Other information

The information in this Safety Data Sheet relates only to the specific material designated herein. It does not relate to use in combination with any other material or in any process. This information is furnished without warranty, expressed or implied, except that it is accurate to the best knowledge of the manufacturer/supplier. The data on this sheet are related only to the specific material designated herein, and the information available for all ingredients at the time of creation. Manufacturer/supplier assumes no responsibility for use or reliance upon these data. Any information that is withheld herein (such as exact chemical identity or exact concentration) has been reserved as a trade secret as per applicable regulations.

· **Date of previous version** 10/22/2025
· **Version number of previous version:** 1.01
· **Date of preparation** 09/10/2026
· **Abbreviations and acronyms:**
ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)
IMDG: International Maritime Code for Dangerous Goods
DOT: US Department of Transportation
IATA: International Air Transport Association
EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
SVHC: Substances of Very High Concern
NIOSH: National Institute for Occupational Safety
OSHA: Occupational Safety & Health
TLV: Threshold Limit Value
PEL: Permissible Exposure Limit
REL: Recommended Exposure Limit
BEI: Biological Exposure Limit
Specific target organ toxicity (single exposure) 3: Specific target organ toxicity (single exposure) – Category 3

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Aspiration hazard 1: Aspiration hazard – Category 1

· *** Data compared to the previous version altered.**