

Safety Data Sheet

according to WHS Regulations

Printing date 23.11.2022

Version number 27

Revision: 23.11.2022

Hazardous according to criteria of Australian Safety and Compensation Council.

1 Identification

- **Product identifier:**
- **Trade name: SpeedyDry**
- **REACH Registration number:** Not relevant
- **Relevant identified uses of the substance or mixture and uses advised against:**
No further relevant information available.
- **Application of the substance / the mixture:**
Ink Additive
To be added to conventional offset inks.
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
Genesis, LLC
256 West Trade Street
Burlington, NC U.S.A
Phone: +1-336-261-0170
- **Emergency telephone number:**
800-424-9300 (Chemtrec U.S. & Canada Calls)
+32 14 58 45 45 (24h/24h) Information centre on dangerous goods (BIG)

2 Hazard(s) Identification

- **Classification of the substance or mixture**



health hazard

Resp. Sens. 1

H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.

STOT RE 2

H373 May cause damage to the respiratory system through prolonged or repeated exposure.

Asp. Tox. 1

H304 May be fatal if swallowed and enters airways.



Skin Irrit. 2

H315 Causes skin irritation.

Serious eye damage/irritation – Category 2A H319 Causes serious eye irritation.

- **Label elements**
- **Hazard pictograms**



- **Signal word:** Danger
- **Hazard-determining components of labelling:**
Cobalt Neodecanoate

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Distillates (petroleum), hydrotreated middle

Manganese Neodecanoate

Hazard statements:

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.

H373 May cause damage to the respiratory system through prolonged or repeated exposure.

H304 May be fatal if swallowed and enters airways.

Precautionary Statements:

P260 Do not breathe dust/fume/gas/mist/vapours/spray.

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P284 Wear respiratory protection.

P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor.

P321 Specific treatment (see on this label).

P331 Do NOT induce vomiting.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if

present and easy to do. Continue rinsing.

P362+P364 Take off contaminated clothing and wash it before reuse.

P342+P311 If experiencing respiratory symptoms: Call a POISON CENTER/doctor.

P405 Store locked up.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

Other hazards: None known**Results of PBT and vPvB assessment****PBT:** Not applicable.**vPvB:** Not applicable.**3 Composition and Information on Ingredients****Chemical characterisation: Mixtures****Description:** Mixture of substances listed below with nonhazardous additions.**Dangerous components:**

CAS: 27253-31-2	Cobalt Neodecanoate ⚠ Resp. Sens. 1, H334; Asp. Tox. 1, H304; ⚠ Acute Tox. 4, H302; Acute Tox. 4, H312; Acute Tox. 4, H332; Skin Irrit. 2, H315; Serious eye damage/irritation – Category 2A, H319; Flam. Liq. 4, H227	15-35%
CAS: 27253-32-3	Manganese Neodecanoate ⚠ STOT SE 2, H371; Asp. Tox. 1, H304; ⚠ Acute Tox. 4, H302; Acute Tox. 4, H332; Skin Irrit. 2, H315; Serious eye damage/irritation – Category 2A, H319; Flam. Liq. 4, H227	5-10%
CAS: 64742-46-7 EINECS: 265-148-2 Index number: 649-221-00-X	Distillates (petroleum), hydrotreated middle ⚠ Asp. Tox. 1, H304	2-10%
CAS: 25265-71-8 EINECS: 246-770-3	Dipropylene Glycol ⚠ Flam. Liq. 3, H226; ⚠ H372 STOT RE 1 H372; Asp. Tox. 1, H304	<1.0%

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CAS: 136-52-7 EINECS: 205-250-6	cobalt(II) 2-ethylhexanoate ☠ Acute Tox. 3, H331; ☠ H304 H302; Acute Tox. 4, H312	☠ Acute Tox. 4, H302; Acute Tox. 4, H312	≤ 1%
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· **Additional information:** For the wording of the listed hazard phrases refer to section 16.

* 4 First Aid Measures

· **Description of first aid measures**

· **General information:**

Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.

If symptoms persist, call a physician.

· **After inhalation:**

Supply fresh air. If required, provide artificial respiration. Keep patient warm. Consult doctor if symptoms persist.

In case of unconsciousness, place patient stably in side position for transportation.

· **After skin contact:**

Immediately wash with water and soap and rinse thoroughly.

If skin irritation occurs, consult a doctor.

· **After eye contact:**

Rinse opened eye for at least 15 minutes under running water. If symptoms persist, consult a doctor.

If easy to do so, remove contact lenses if worn.

If eye irritation occurs, consult a doctor.

· **After swallowing:**

Call for a doctor immediately.

Never give anything by mouth to an unconscious person.

Do not induce vomiting without medical advice.

To prevent aspiration of swallowed product, lay victim on side with head lower than waist.

· **Information for doctor:**

· **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, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

· **For safety reasons unsuitable extinguishing agents:** No further relevant information.

· **Special hazards arising from the substance or mixture:** No further relevant information available.

· **Advice for firefighters**

· **Protective equipment:**

Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face piece operated in positive pressure mode.

* 6 Accidental Release Measures

· **Personal precautions, protective equipment and emergency procedures**

Wear protective equipment. Keep unprotected persons away.

· **Environmental precautions:** Do not allow product to reach sewage system or any water course.

· **Methods and material for containment and cleaning up:**

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Dispose contaminated materials as waste according to section 13.

Ensure adequate ventilation.

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Dispose of the material collected according to regulations.

· **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**· **Handling:**· **Precautions for safe handling**

Avoid contact with skin, eyes and clothing.

Ensure good ventilation/exhaustion at the workplace.

Open and handle receptacle with care.

Prevent formation of aerosols.

· **Information about fire and explosion protection:** Keep respiratory protective device available.· **Conditions for safe storage, including any incompatibilities**· **Storage:**· **Requirements to be met by storerooms and receptacles:** No special requirements.· **Information about storage in one common storage facility:** Store away from oxidising agents.· **Further information about storage conditions:** Keep container tightly sealed.· **Specific end use(s)** No further relevant information available.* **8 Exposure controls and personal protection**· **Additional information about design of technical facilities:** No further data; see item 7.· **Control parameters**· **Ingredients with limit values that require monitoring at the workplace:****64742-46-7 Petroleum distillates**WES | Long-term value: 1800 mg/m³· **Additional information:** The lists valid during the making were used as basis.· **Exposure controls**· **Personal protective equipment:**· **General protective and hygienic measures:**

The usual precautionary measures are to be adhered to when handling chemicals.

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing.

Wash hands before breaks and at the end of work.

Store protective clothing separately.

Avoid contact with the eyes and skin.

· **Respiratory protection:**

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:**

Protective gloves

· **Material of gloves:**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

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· **Penetration time of glove material:**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

· **Eye protection:**

Tightly sealed goggles

· **Body protection:**

Protective work clothing

· **8.2.3 Environmental exposure controls:** None

9 Physical and Chemical Properties

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

Form: Liquid

Colour: Purple

· **Odour:** Mild

· **pH-value:** Not determined.

· **Change in condition**

Melting point/freezing point: Not determined.

Initial boiling point and boiling range: 156 °C

· **Flash point:** 96 °C (Pensky Martens Closed Cup)

· **Flammability (solid, gas):** Not applicable.

· **Ignition temperature:** Not applicable

· **Decomposition temperature:** Not determined.

· **Auto-ignition temperature:** Product is not self-igniting.

· **Explosive properties:** Product does not present an explosion hazard.

· **Explosion limits:**

Lower: 1.1 Vol %

Upper: 6 Vol %

· **Vapour pressure @ 20 °C:** ≤1.3 hPa

· **Density @ 20 °C:** 1 g/cm³

· **Relative density:** Not determined.

· **Vapour density:** <1 (air=1)

· **Evaporation rate:** Not determined.

· **Solubility in / Miscibility with water:**

Not miscible or difficult to mix.

· **Partition coefficient: n-octanol/water:** Not determined.

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- **Viscosity:**
 - Dynamic:** Not determined.
 - Kinematic:** Not determined.
- **Solvent content:**
 - Solids content:** 0.1 %
- **Other information** No further relevant information available.

*** 10 Stability and Reactivity**

- **Reactivity:** No further relevant information available.
- **Chemical stability:** Product is stable under normal conditions.
- **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:** Strong oxidizing agents.
- **Hazardous decomposition products:** Irritant gases/vapours

*** 11 Toxicological Information**

- **Information on toxicological effects**
- **Acute toxicity**

- **LD/LC50 values relevant for classification:**

25265-71-8 dipropylene glycol

Oral LD50 >14.8 ml/kg (Rat)

Dermal LD50 >20 ml/kg (Rabbit)

8042-47-5 White mineral oil, petroleum

Oral LD50 >5,000 mg/kg (Rat)

- **Primary irritant effect:**
- **Skin corrosion/irritation**
May cause allergic skin reaction.
Irritant to skin and mucous membranes.
- **Serious eye damage/irritation** Irritating effect.
- **Sensitisation:**
Sensitisation possible through inhalation.
Sensitisation possible through skin contact.
- **Additional toxicological information:**
The product shows the following dangers according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version:
Harmful
Irritant
The product can cause inheritable damage.
- **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction):**
Based on available data, the classification data are not met.

12 Ecological Information

- **Toxicity**
- **Aquatic toxicity:**
Unknown. This product may be toxic to aquatic organisms and may cause long-term adverse effects in the aquatic environment, based on confirmed acute aquatic toxicity.
aquatic environment, based on confirmed acute aquatic toxicity. The ecotoxic effects of the product itself have

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not been thoroughly investigated. This product contains cobalt neodecanoate (CAS # 27253-31-2). Specific aquatic toxicity data for cobalt neodecanoate is limited. Cobalt neodecanoate may be listed in ATP Proposal 30 to the Environmentally Hazardous Substances Directive. The product also contains 'white mineral oil (petroleum)' and 'distillate (petroleum), direct distillation medium', which may be harmful to aquatic organisms.

The acute toxicity of white mineral oil (petroleum) is (IUCLID):

Fish - 96 Hr LC50, Sunfish (*Lepomis macrochirus*) => 10 g / L

The acute toxicity of the 'distillate (petroleum), to run medium' is (EHC 171):

Fish - 96 Hr LC50, Salmonids (*Oncorhynchus* sp.) = 32 - 33 216 mg / L 96 Hr LC50,

Goldfish (*Leuciscus idus melanotus*) = 120 to 160 mg / L

Aquatic Invertebrates - LC50, water flea (*Daphnia magna*) = 20 mg / L.

The acute toxicity of cobalt metal is (IUCLID):

Fish - 96-Hr LC50, zebrafish (*Brachydanio rerio*) => 100 mg/L.

Aquatic plants - 72-Hr IC50, green algae (*Selenastrum capricornutum*) = 0.05 to 0.26 mg/L.

· **Persistence and degradability:** No further relevant information available.

· **Behaviour in environmental systems:**

· **Bioaccumulative potential:** No further relevant information available.

· **Mobility in soil:** No further relevant information available.

· **Results of PBT and vPvB assessment**

· **PBT:** Not applicable.

· **vPvB:** Not applicable.

· **Other adverse effects** No further relevant information available.

13 Disposal considerations

· **Waste treatment methods**

· **Recommendation:**

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

Observe all federal, state and local environmental regulations when disposing of this material.

· **Uncleaned packaging:**

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

14 Transport information

· **UN-Number**

· **ADG, ADN, IMDG, IATA**

Non-Regulated Material

· **UN proper shipping name**

· **ADG, ADN, IMDG, IATA**

Non-Regulated Material

· **Transport hazard class(es)**

· **ADG, ADN, IMDG, IATA**

· **Class**

Non-Regulated Material

· **Packing group**

· **ADG, IMDG, IATA**

Non-Regulated Material

· **Environmental hazards:**

Not applicable.

· **Special precautions for user**

Not applicable.

· **Transport in bulk according to Annex II of Marpol and the IBC Code**

Not applicable.

· **UN "Model Regulation":**

Non-Regulated Material

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15 Regulatory information

- **Safety, health and environmental regulations/legislation specific for the substance or mixture**

- **Australian Inventory of Industrial Chemicals**

All ingredients are listed.

- **Standard for the Uniform Scheduling of Medicines and Poisons**

Not applicable

- **Australia: Priority Existing Chemicals**

None of the ingredients are listed.

- **GHS label elements**

The product is classified and labelled according to the Globally Harmonised System (GHS).

- **Hazard pictograms**



- **Signal word:** Danger

- **Hazard-determining components of labelling:**

Cobalt Neodecanoate

Distillates (petroleum), hydrotreated middle

Manganese Neodecanoate

- **Hazard statements:**

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.

H373 May cause damage to the respiratory system through prolonged or repeated exposure.

H304 May be fatal if swallowed and enters airways.

- **Precautionary statements:**

P260 Do not breathe dust/fume/gas/mist/vapours/spray.

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P284 Wear respiratory protection.

P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor.

P321 Specific treatment (see on this label).

P331 Do NOT induce vomiting.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if

present and easy to do. Continue rinsing.

P362+P364 Take off contaminated clothing and wash it before reuse.

P342+P311 If experiencing respiratory symptoms: Call a POISON CENTER/doctor.

P405 Store locked up.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

- **Directive 2012/18/EU** Substance is not listed.

- **Named dangerous substances - ANNEX I** None of the ingredients are listed.

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· National regulations:

The product is not subject to be labelled according with the prevailing version of the regulations on hazardous substances.

· **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· Relevant phrases

H226 Flammable liquid and vapour.

H227 Combustible liquid.

H302 Harmful if swallowed.

H304 May be fatal if swallowed and enters airways.

H312 Harmful in contact with skin.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H332 Harmful if inhaled.

H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.

H372 May cause damage to respiratory system through prolonged or repeated exposure.

· Contact:**· Abbreviations and acronyms:**

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

ADN: The European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways

IMDG: International Maritime Code for Dangerous Goods

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

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

Flam. Liq. 3: Flammable liquids – Category 3

Flam. Liq. 4: Flammable liquids – Category 4

Acute Tox. 4: Acute toxicity – Category 4

Acute Tox. 3: Acute toxicity – Category 3

Skin Irrit. 2: Skin corrosion/irritation – Category 2

Serious eye damage/irritation – Category 2A: Serious eye damage/eye irritation – Category 2A

Resp. Sens. 1: Respiratory sensitisation – Category 1

STOT SE 2: Specific target organ toxicity (single exposure) – Category 2

STOT RE 1: Specific target organ toxicity (repeated exposure) – Category 1

STOT RE 2: Specific target organ toxicity (repeated exposure) – Category 2

Asp. Tox. 1: Aspiration hazard – Category 1

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