

SAFETY DATA SHEET

Section 1. Identification

Product identifier : RVN5561

Product name : Rival DTM John Deere Yellow Topcoat

Date of issue : 7/25/2023

Version : 2

Relevant identified uses of the substance or mixture and uses advised against

Identified uses : Coating component.

Uses advised against: Not for sale to or use by consumers.

Supplier's details : Axalta Coating Systems Canada Company

1915 2nd St. W

Cornwall, ON K6H5R6

Product information : 613-932-8960

Emergency telephone

number

: (CHEMTREC) - 800-424-9300

Section 2. Hazard identification

Classification of the substance or mixture

: FLAMMABLE LIQUIDS - Category 2 SKIN SENSITIZATION - Category 1A CARCINOGENICITY - Category 2 TOXIC TO REPRODUCTION - Category 1

SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) - Category 1
SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Narcotic effects) -

Category 3

GHS label elements

Hazard pictograms :







Signal word : Danger

Hazard statements : H225 - Highly flammable liquid and vapor.

H317 - May cause an allergic skin reaction. H336 - May cause drowsiness or dizziness. H351 - Suspected of causing cancer.

H360 - May damage fertility or the unborn child.

H370 - Causes damage to organs.

Precautionary statements

≥0.1 - ≤1

CA: ENGLISH

Section 2. Hazard identification

Prevention

: P201 - Obtain special instructions before use.

P202 - Do not handle until all safety precautions have been read and understood.

P280 - Wear protective gloves, protective clothing and eye or face protection.

P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition

sources. No smoking.

P271 - Use only outdoors or in a well-ventilated area.

P260 - Do not breathe vapor.

P270 - Do not eat, drink or smoke when using this product.

P264 - Wash hands thoroughly after handling.

P272 - Contaminated work clothing should not be allowed out of the workplace.

: P308 + P311 - IF exposed or concerned: Call a POISON CENTER or doctor. Response

> P304 + P340, P312 - IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor if you feel unwell. P303 + P361 + P353 - IF ON SKIN (or hair): Take off immediately all contaminated

clothing. Rinse skin with water.

P302 + P352 - IF ON SKIN: Wash with plenty of water.

P333 + P313 - If skin irritation or rash occurs: Get medical advice or attention.

: P405 - Store locked up. Storage

P403 + P233 - Store in a well-ventilated place. Keep container tightly closed.

Disposal : P501 - Dispose of contents and container in accordance with all local, regional,

national and international regulations.

Supplemental label

N-methyl-2-pyrrolidone

elements

: None known.

Other hazards which do not : None known. result in classification

Section 3. Composition/information on ingredients Substance/mixture : Mixture

| Chemical name | Common name and Synonyms | CAS number | % (w/w) | |
|--|---|------------|-----------|--|
| n-butyl acetate | butyl acetate | 123-86-4 | ≥10 - ≤30 | |
| heptan-2-one | METHYL AMYL KETONE | 110-43-0 | ≥5 - ≤10 | |
| titanium dioxide | TITANIUM DIOXIDE | 13463-67-7 | ≥5 - ≤10 | |
| 4-chloro- α , α , α -trifluorotoluene | 4-CHLOROBENZOTRIFLUORIDE | 98-56-6 | ≥5 - ≤10 | |
| 5-methylhexan-2-one | METHYL ISOAMYL KETONE | 110-12-3 | ≥1 - ≤5 | |
| methyl acetate | METHYL ACETATE | 79-20-9 | ≥1 - ≤5 | |
| solvent naphtha (petroleum), light aromatic | AROMATIC HYDROCARBON | 64742-95-6 | ≥1 - ≤5 | |
| 2-butoxyethyl acetate | 2-BUTOXYETHYL ACETATE | 112-07-2 | ≥1 - ≤5 | |
| bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate | BIS(1,2,2,6,6-PENTAMETHYL- 4-PIPERIDINYL) SEBACATE | 41556-26-7 | ≥0.1 - ≤1 | |
| | | | | |

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

METHYL PYRROLIDONE

Section 3. Composition/information on ingredients

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Occupational exposure limits, if available, are listed in Section 8.

Section 4. First-aid measures

Description of necessary first aid measures

Eye contact

: Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention. If necessary, call a poison center or physician.

Inhalation

: Remove victim to fresh air and keep at rest in a position comfortable for breathing. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention. If necessary, call a poison center or physician. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.

Skin contact

Wash with plenty of soap and water. Remove contaminated clothing and shoes. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. Continue to rinse for at least 10 minutes. Get medical attention. If necessary, call a poison center or physician. In the event of any complaints or symptoms, avoid further exposure. Wash clothing before reuse. Clean shoes thoroughly before reuse.

Ingestion

: Wash out mouth with water. Remove dentures if any. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention. If necessary, call a poison center or physician. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

Most important symptoms/effects, acute and delayed

Potential acute health effects

Eye contact: No known significant effects or critical hazards.

Inhalation : Causes damage to organs following a single exposure if inhaled. Can cause central

nervous system (CNS) depression. May cause drowsiness or dizziness.

Skin contact: Causes damage to organs following a single exposure in contact with skin. May

cause an allergic skin reaction.

Ingestion: Causes damage to organs following a single exposure if swallowed. Can cause

central nervous system (CNS) depression.

Over-exposure signs/symptoms

Eye contact : No specific data.

Section 4. First-aid measures

Inhalation : Adverse symptoms may include the following:

nausea or vomiting

headache

drowsiness/fatigue dizziness/vertigo unconsciousness reduced fetal weight increase in fetal deaths skeletal malformations

Skin contact: Adverse symptoms may include the following:

irritation redness

reduced fetal weight increase in fetal deaths skeletal malformations

Ingestion: Adverse symptoms may include the following:

reduced fetal weight increase in fetal deaths skeletal malformations

Indication of immediate medical attention and special treatment needed, if necessary

Notes to physician : In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.

Specific treatments: No specific treatment.

Protection of first-aiders: No action shall be taken involving any personal risk or without suitable training. If it

is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing

thoroughly with water before removing it, or wear gloves.

See toxicological information (Section 11)

Section 5. Fire-fighting measures

Extinguishing media

Suitable extinguishing

media

: Use dry chemical, CO₂, water spray (fog) or foam.

Unsuitable extinguishing

media

: Do not use water jet.

Specific hazards arising from the chemical

: Highly flammable liquid and vapor. Runoff to sewer may create fire or explosion hazard. In a fire or if heated, a pressure increase will occur and the container may

burst, with the risk of a subsequent explosion.

Hazardous thermal decomposition products

: Decomposition products may include the following materials: carbon dioxide

carbon dioxide carbon monoxide nitrogen oxides

halogenated compounds

carbonyl halides metal oxide/oxides

Section 5. Fire-fighting measures

Special protective actions for fire-fighters

CA: ENGLISH

: Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.

Special protective equipment for fire-fighters

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

Section 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

: No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Shut off all ignition sources. No flares, smoking or flames in hazard area. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

For emergency responders: If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

Environmental precautions

: Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

Methods and materials for containment and cleaning up

Small spill

: Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

Large spill

: Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with noncombustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

Section 7. Handling and storage

Precautions for safe handling

Protective measures

Put on appropriate personal protective equipment (see Section 8). Persons with a history of skin sensitization problems should not be employed in any process in which this product is used. Avoid exposure - obtain special instructions before use. Avoid exposure during pregnancy. Do not handle until all safety precautions have been read and understood. Do not get in eyes or on skin or clothing. Do not breathe vapor or mist. Do not ingest. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Do not enter storage areas and confined spaces unless adequately ventilated. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Store and use away from heat, sparks, open flame or any other ignition source. Use explosion-proof electrical (ventilating, lighting and material handling)

Section 7. Handling and storage

equipment. Use only non-sparking tools. Take precautionary measures against electrostatic discharges. Empty containers retain product residue and can be hazardous. Do not reuse container.

Advice on general occupational hygiene

Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

including any incompatibilities

Conditions for safe storage, : Store in accordance with local regulations. Store in a segregated and approved area. Store in original container protected from direct sunlight in a dry, cool and wellventilated area, away from incompatible materials (see Section 10) and food and drink. Store locked up. Eliminate all ignition sources. Separate from oxidizing materials. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

Storage code IΑ

Section 8. Exposure controls/personal protection

Control parameters

Occupational exposure limits

| Ingredient name | Exposure limits |
|-----------------|--|
| n-butyl acetate | CA Alberta Provincial (Canada, 6/2018). 15 min OEL: 200 ppm 15 minutes. 15 min OEL: 950 mg/m³ 15 minutes. 8 hrs OEL: 150 ppm 8 hours. 8 hrs OEL: 713 mg/m³ 8 hours. CA Saskatchewan Provincial (Canada, 7/2013). STEL: 200 ppm 15 minutes. TWA: 150 ppm 8 hours. CA Ontario Provincial (Canada, 6/2019). [butyl acetates, all isomers] STEL: 150 ppm 15 minutes. TWA: 50 ppm 8 hours. CA British Columbia Provincial (Canada, 6/2022). [butyl acetate, all isomers] STEL: 150 ppm 15 minutes. TWA: 50 ppm 8 hours. CA Quebec Provincial (Canada, 6/2022). [butyl acetates (all isomers)] STEV: 150 ppm 15 minutes. TWAEV: 50 ppm 8 hours. |
| heptan-2-one | CA Alberta Provincial (Canada, 6/2018). 8 hrs OEL: 233 mg/m³ 8 hours. 8 hrs OEL: 50 ppm 8 hours. CA British Columbia Provincial (Canada, 6/2022). TWA: 50 ppm 8 hours. CA Ontario Provincial (Canada, 6/2019). TWA: 25 ppm 8 hours. |

Section 8. Exposure controls/personal protection

TWA: 115 mg/m³ 8 hours.

CA Quebec Provincial (Canada, 6/2022).

TWAEV: 50 ppm 8 hours. TWAEV: 233 mg/m³ 8 hours.

CA Saskatchewan Provincial (Canada, 7/2013).

STEL: 60 ppm 15 minutes. TWA: 50 ppm 8 hours.

CA British Columbia Provincial (Canada, 6/2022). [Titanium dioxide] Notes: The 8-hour TWA listed in the Table is for the total dust. The substance also has an 8-hour TWA of 3 mg/m3 for the respirable fraction.

TWA: 10 mg/m³ 8 hours. Form: Total dust TWA: 3 mg/m³ 8 hours. Form: respirable fraction

CA Quebec Provincial (Canada, 6/2022).
TWAEV: 10 mg/m³ 8 hours. Form: Total dust.
CA Alberta Provincial (Canada, 6/2018).

8 hrs OEL: 10 mg/m³ 8 hours.

CA Ontario Provincial (Canada, 6/2019).

TWA: 10 mg/m³ 8 hours.

CA Saskatchewan Provincial (Canada, 7/2013).

STEL: 20 mg/m³ 15 minutes. TWA: 10 mg/m³ 8 hours.

CA Alberta Provincial (Canada, 6/2018).

8 hrs OEL: 50 ppm 8 hours. 8 hrs OEL: 234 mg/m³ 8 hours.

CA British Columbia Provincial (Canada, 6/2022).

TWA: 20 ppm 8 hours. STEL: 50 ppm 15 minutes.

CA Ontario Provincial (Canada, 6/2019).

TWA: 20 ppm 8 hours. STEL: 50 ppm 15 minutes.

CA Quebec Provincial (Canada, 6/2022).

TWAEV: 20 ppm 8 hours. STEV: 50 ppm 15 minutes.

CA Saskatchewan Provincial (Canada, 7/2013).

STEL: 60 ppm 15 minutes. TWA: 50 ppm 8 hours.

CA Alberta Provincial (Canada, 6/2018).

8 hrs OEL: 606 mg/m³ 8 hours. 15 min OEL: 757 mg/m³ 15 minutes. 15 min OEL: 250 ppm 15 minutes. 8 hrs OEL: 200 ppm 8 hours.

CA British Columbia Provincial (Canada, 6/2022).

TWA: 200 ppm 8 hours. STEL: 250 ppm 15 minutes.

CA Ontario Provincial (Canada, 6/2019).

TWA: 200 ppm 8 hours. STEL: 250 ppm 15 minutes.

CA Quebec Provincial (Canada, 6/2022).

TWAEV: 200 ppm 8 hours. TWAEV: 606 mg/m³ 8 hours. STEV: 250 ppm 15 minutes. STEV: 757 mg/m³ 15 minutes.

CA Saskatchewan Provincial (Canada, 7/2013).

titanium dioxide

5-methylhexan-2-one

methyl acetate

Section 8. Exposure controls/personal protection

STEL: 250 ppm 15 minutes. TWA: 200 ppm 8 hours.

CA British Columbia Provincial (Canada, 6/2022).

TWA: 20 ppm 8 hours.

CA Ontario Provincial (Canada, 6/2019).

TWA: 20 ppm 8 hours.

CA Alberta Provincial (Canada, 6/2018).

8 hrs OEL: 131 mg/m³ 8 hours. 8 hrs OEL: 20 ppm 8 hours.

CA Saskatchewan Provincial (Canada, 7/2013).

STEL: 30 ppm 15 minutes. TWA: 20 ppm 8 hours.

CA Quebec Provincial (Canada, 6/2022).

TWAEV: 10 ppm 8 hours.

CA Ontario Provincial (Canada, 6/2019).

TWA: 400 mg/m³ 8 hours.

Appropriate engineering

controls

N-methyl-2-pyrrolidone

2-butoxyethyl acetate

: Use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. The engineering controls also need to keep gas, vapor or dust concentrations below any lower explosive limits. Use explosion-proof ventilation equipment.

Environmental exposure controls

: Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

Individual protection measures

Hygiene measures

: Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period.

Appropriate techniques should be used to remove potentially contaminated clothing. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

Eye/face protection

: Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields.

Skin protection

Hand protection

: Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.

Body protection

: Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. When there is a risk of ignition from static electricity, wear anti-static protective clothing. For the greatest protection from static discharges, clothing should include anti-static overalls, boots and gloves.

Section 8. Exposure controls/personal protection

Other skin protection : Appropriate footwear and any additional skin protection measures should be

selected based on the task being performed and the risks involved and should be

approved by a specialist before handling this product.

Respiratory protection: Based on the hazard and potential for exposure, select a respirator that meets the

appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important

aspects of use.

Section 9. Physical and chemical properties

Appearance

Physical state: Liquid.

Color: Yellow.

Odor : Not available.
Odor threshold : Not available.

pH : Not applicable.Melting point : Not applicable.

Boiling point : 125 to 3000°C (257 to 5432°F)

Freezing point : Not available.

Flash point : Closed cup: 11.611°C (52.9°F)

Evaporation rate : Not available.
Flammability (solid, gas) : Not available.
Lower and upper explosive : Lower: 0.9% (flammable) limits : Upper: 10.5%

Vapor pressure : 1.2 kPa (8.7 mm Hg)

Vapor density : Not available.

Relative density : Not available.

Partition coefficient: n-

octanol/water

: Not applicable.

Auto-ignition temperature : 280°C (536°F)

Decomposition temperature : Not applicable.

Viscosity : Not available.

Flow time (ISO 2431) : Not available.

Section 10. Stability and reactivity

Reactivity: No specific test data related to reactivity available for this product or its ingredients.

Chemical stability: The product is stable.

Possibility of hazardous

reactions

: Under normal conditions of storage and use, hazardous reactions will not occur.

Conditions to avoid : Avoid all possible sources of ignition (spark or flame). Do not pressurize, cut, weld,

braze, solder, drill, grind or expose containers to heat or sources of ignition.

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Section 10. Stability and reactivity

Incompatible materials

: Reactive or incompatible with the following materials:

oxidizing materials

Hazardous decomposition products

: Under normal conditions of storage and use, hazardous decomposition products

should not be produced.

Section 11. Toxicological information

Information on toxicological effects

Acute toxicity

CA: ENGLISH

| Product/ingredient name | Result | Species | Dose | Exposure |
|------------------------------|-----------------------|-------------|--------------|----------|
| n-butyl acetate | LC50 Inhalation Vapor | Rat | 21.1 mg/l | 4 hours |
| - | LD50 Dermal | Rabbit | >17600 mg/kg | - |
| | LD50 Oral | Rat | 10768 mg/kg | - |
| heptan-2-one | LC50 Inhalation Vapor | Rat | 16.8 mg/l | 4 hours |
| · | LD50 Dermal | Rabbit | 10332 mg/kg | - |
| | LD50 Oral | Rat | 1600 mg/kg | - |
| 4-chloro-α,α,α- | LD50 Oral | Rat | 13 g/kg | - |
| trifluorotoluene | | | | |
| 5-methylhexan-2-one | LC50 Inhalation Gas. | Rat | 5000 ppm | 4 hours |
| | LC50 Inhalation Vapor | Rat | 11.11 mg/l | 4 hours |
| | LD50 Oral | Rat | 3200 mg/kg | - |
| methyl acetate | LD50 Dermal | Rabbit | >5 g/kg | - |
| _ | LD50 Oral | Rat | >5 g/kg | - |
| solvent naphtha (petroleum), | LD50 Dermal | Rabbit | 3492 mg/kg | - |
| light aromatic | | | | |
| | LD50 Oral | Rat | 8400 mg/kg | - |
| 2-butoxyethyl acetate | LC50 Inhalation Vapor | Rat | 7.82 mg/l | 4 hours |
| | LD50 Dermal | Rabbit | 1500 mg/kg | - |
| | LD50 Oral | Rat - Male, | 1880 mg/kg | - |
| | | Female | | |
| N-methyl-2-pyrrolidone | LD50 Dermal | Rabbit | 8 g/kg | - |
| | LD50 Oral | Rat | 3914 mg/kg | - |

Irritation/Corrosion

| Product/ingredient name | Result | Species | Score | Exposure | Observation |
|-------------------------|--------------------------|---------|-------|--------------------|-------------|
| heptan-2-one | Skin - Mild irritant | Rabbit | - | 24 hours 14 | - |
| methyl acetate | Eyes - Moderate irritant | Rabbit | - | mg 24 hours 100 | - |
| | Skin - Mild irritant | Rabbit | - | mg 24 hours 500 | - |
| | Skin - Moderate irritant | Rabbit | - | mg 24 hours 20 | - |
| N-methyl-2-pyrrolidone | Eyes - Moderate irritant | Rabbit | - | mg 100 mg | - |

Sensitization

Not available.

Mutagenicity

Not available.

Carcinogenicity

Not available.

Reproductive toxicity

Section 11. Toxicological information

Not available.

Teratogenicity

Not available.

Specific target organ toxicity (single exposure)

| Name | Category | Route of exposure | Target organs |
|---|--------------------------|-------------------|---|
| n-butyl acetate | Category 3 | - | Narcotic effects |
| heptan-2-one | Category 3 | - | Narcotic effects |
| 4-chloro-α,α,α-trifluorotoluene | Category 3 | - | Respiratory tract irritation |
| methyl acetate | Category 1 Category 3 | - | - Narcotic effects |
| solvent naphtha (petroleum), light aromatic | Category 3 | - | Respiratory tract irritation |
| N-methyl-2-pyrrolidone | Category 3 Category 3 | - | Narcotic effects Respiratory tract irritation |

Specific target organ toxicity (repeated exposure)

Not available.

Aspiration hazard

| Name | Result | |
|---|--------------------------------|--|
| solvent naphtha (petroleum), light aromatic | ASPIRATION HAZARD - Category 1 | |

Information on the likely

routes of exposure

: Not available.

Potential acute health effects

Eye contact : No known significant effects or critical hazards.

Inhalation : Causes damage to organs following a single exposure if inhaled. Can cause central

nervous system (CNS) depression. May cause drowsiness or dizziness.

Skin contact: Causes damage to organs following a single exposure in contact with skin. May

cause an allergic skin reaction.

Ingestion: Causes damage to organs following a single exposure if swallowed. Can cause

central nervous system (CNS) depression.

Symptoms related to the physical, chemical and toxicological characteristics

Eye contact : No specific data.

Inhalation: Adverse symptoms may include the following:

nausea or vomiting

headache

drowsiness/fatigue dizziness/vertigo unconsciousness reduced fetal weight increase in fetal deaths skeletal malformations

Section 11. Toxicological information

Skin contact: Adverse symptoms may include the following:

irritation redness

reduced fetal weight increase in fetal deaths skeletal malformations

Ingestion: Adverse symptoms may include the following:

reduced fetal weight increase in fetal deaths skeletal malformations

Delayed and immediate effects and also chronic effects from short and long term exposure

Short term exposure

Potential immediate

: Not available.

effects

Potential delayed effects

: Not available.

Long term exposure

Potential immediate

: Not available.

effects

Potential delayed effects : Not available.

Potential chronic health effects

Not available.

General : Once sensitized, a severe allergic reaction may occur when subsequently exposed

to very low levels.

Carcinogenicity : Suspected of causing cancer. Risk of cancer depends on duration and level of

exposure.

Mutagenicity: No known significant effects or critical hazards.

Teratogenicity: May damage the unborn child.

Developmental effects: No known significant effects or critical hazards.

Fertility effects : May damage fertility.

Numerical measures of toxicity

Acute toxicity estimates

| Route | ATE value |
|---------------------|----------------|
| Oral | 11662.1 mg/kg |
| Dermal | 71213.04 mg/kg |
| Inhalation (gases) | 98246.75 ppm |
| Inhalation (vapors) | 82.82 mg/l |

Section 12. Ecological information

There are no data available on the product itself. The product should not be allowed to enter drains or watercourses waterways.

Section 13. Disposal considerations

Disposal methods

CA: ENGLISH

: The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Vapor from product residues may create a highly flammable or explosive atmosphere inside the container. Do not cut, weld or grind used containers unless they have been cleaned thoroughly internally. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and

Section 14. Transport information

| | TDG Classification | DOT Classification | IMDG | IATA |
|----------------------------|--------------------|--------------------|--------|--------|
| UN number | UN1263 | UN1263 | UN1263 | UN1263 |
| UN proper shipping name | PAINT | PAINT | PAINT | PAINT |
| Transport hazard class(es) | 3 | 3 | 3 | 3 |
| Packing group | II | II | II | II |
| Environmental hazards | No. | No. | No. | No. |

Additional information

TDG Classification

: Product classified as per the following sections of the Transportation of Dangerous Goods Regulations: 2.18-2.19 (Class 3).

Special precautions for user : Transport within user's premises: always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

Transport in bulk according : Not available. to IMO instruments

The actual shipping description for this product may vary based several factors including, but not limited to, the volume of material, size of the container, mode of transport and use of exemptions or exceptions found in the applicable regulations. The information provided in Section 14 is one possible shipping description for this product. Consult your shipping specialist or supplier for appropriate assignment information.

Section 15. Regulatory information

Canadian lists

Canadian NPRI : The following components are listed: butyl acetate (all isomers); volatile organic

compounds (total); light aromatic solvent naphtha; other glycol ethers and acetates

(and their isomers)

CEPA Toxic substances

: None of the components are listed.

Inventory list

Canada : At least one component is not listed in DSL but all such components are listed in

NDSL

United States : All components are listed or exempted.

Section 16. Other information

Hazardous Material Information System (U.S.A.)



Caution: HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS® ratings and the associated label are not required on SDSs or products leaving a facility under 29 CFR 1910.1200, the preparer may choose to provide them. HMIS® ratings are to be used with a fully implemented HMIS® program. HMIS® is a registered trademark and service mark of the American Coatings Association, Inc.

The customer is responsible for determining the PPE code for this material. For more information on HMIS® Personal Protective Equipment (PPE) codes, consult the HMIS® Implementation Manual.

National Fire Protection Association (U.S.A.)



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History

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Product stewardship and regulatory compliance.

Key to abbreviations : ATE = Acute Toxicity Estimate

GHS = Globally Harmonized System of Classification and Labelling of Chemicals

IATA = International Air Transport Association

IBC = Intermediate Bulk Container

IMDG = International Maritime Dangerous Goods

LogPow = logarithm of the octanol/water partition coefficient

MARPOL = International Convention for the Prevention of Pollution From Ships,

1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)

UN = United Nations

HPR = Hazardous Products Regulations

✓ Indicates information that has changed from previously issued version.

Notice to reader

Section 16. Other information

This product is intended for industrial use only.

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