

1. Identification

Product name: Does It All
Product code: DAC-108
Recommended use: Cleaner,molding
Restrictions on use: None known
Supplier: DAC Industries, Inc.
 1636 Gervais Avenue - Suite 9
 Maplewood, MN 55109, USA
 T +1 (651) 748-1750

Emergency number: (Chemical Spills, Leaks, Fire, Exposure or Accident only):
 CHEMTREC 1-800-424-9300 (in the US),
 1-703-527-3887 (Outside the US),
 Chemtrec - Mexico 01-800-681-9531

Issue date: 03/01/2023

2. Hazard(s) identification

Classification:

Physical hazards	Health hazards
Flammable aerosol Category 1 Gases under pressure Compressed gas	Skin corrosion/irritation Category 2 Eye irritation Category 2 Reproductive toxicity Category 2 Specific target organ toxicity – Single exposure, Category 3, Narcosis Specific target organ toxicity (repeated exposure) Category 2 Aspiration hazard Category 1

GHS US labeling:

Danger!



Hazard statements (GHS US)	Precautionary statements (GHS US)
H222 - Extremely flammable aerosol H280 - Contains gas under pressure; may explode if heated H304 - May be fatal if swallowed and enters airways H315 - Causes skin irritation H319 - Causes serious eye irritation H336 - May cause drowsiness or dizziness H361 - Suspected of damaging fertility or the unborn child	P201 - Obtain special instructions before use. P202 - Do not handle until all safety precautions have been read and understood. P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P211 - Do not spray on an open flame or other ignition source.

H373 - May cause damage to organs (Neurologic effect, hearing sense) through prolonged or repeated exposure (Inhalation)

P251 - Pressurized container: Do not pierce or burn, even after use.
 P260 - Do not breathe mist, vapors.
 P264 - Wash hands thoroughly after handling.
 P271 - Use only outdoors or in a well-ventilated area.
 P280 - Wear protective gloves, eye protection.
 P301+P310 - If swallowed: Immediately call a poison center or doctor.
 P331 - Do NOT induce vomiting.
 P302+P352 - If on skin: Wash with plenty of soap and water.
 P332+P313 - If skin irritation occurs: Get medical advice/attention.
 P362+P364 - Take off contaminated clothing and wash it before reuse.
 P304+P340 - If inhaled: Remove person to fresh air and keep comfortable for breathing.
 P312 - Call a poison center or doctor if you feel unwell.
 P305+P351+P338 - If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P337+P313 - If eye irritation persists: Get medical advice/attention.
 P308+P313 - If exposed or concerned: Get medical advice/attention.
 P314 - Get medical advice/attention if you feel unwell.
 P405 - Store locked up.
 P412 - Do not expose to temperatures exceeding 50 °C/ 122 °F.
 P410+P403 - Protect from sunlight. Store in a well-ventilated place.
 P501 - Dispose of contents/container to an approved waste disposal plant.

3: Composition/Information on ingredients

Component	CAS-No.	Amount (%)
Heptane, branched, cyclic and linear	426260-76-6	80-90
heptane, n-heptane	142-82-5	15-20
Propan-2-ol, isopropyl alcohol, isopropanol	67-63-0	10-15
Carbon dioxide (CO2) (Propellant gas (Aerosol))	124-38-9	1-5
Toluene	108-88-3	1-5

*Chemical name, CAS number and/or exact concentration have been withheld as a trade secret

4. First-aid measures

Inhalation: Remove person to fresh air and keep comfortable for breathing. Call a poison center or a doctor if you feel unwell.

Skin: Wash skin with plenty of water and soap. Remove/Take off immediately all contaminated clothing. If skin irritation occurs: Get medical advice/attention.

Eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

Ingestion: Aspiration hazard. Do NOT induce vomiting. Immediately call a poison center or doctor/physician.

Symptoms/effects: Causes eye irritation. Causes skin irritation. Aspiration hazard. May be fatal if swallowed and enters airways. High concentration of vapors may induce: headache, nausea, dizziness. May cause damage to organs (central nervous system) through prolonged or repeated exposure (inhalation). Suspected of damaging fertility or the unborn child.

Immediate medical attention and special treatment, if necessary: If accidentally swallowed obtain immediate medical attention.

5. Fire-fighting measures

Suitable extinguishing media: Use extinguishing media appropriate for surrounding fire. Water spray. Dry powder. Foam. Carbon dioxide. Cool down the containers exposed to heat with a water spray.

Unsuitable extinguishing media: None.

Fire hazard: Extremely flammable aerosol. Contents under pressure. Keep away from open flames, hot surfaces and sources of ignition. Pressurized container: may burst if heated. Vapors are heavier than air and may travel considerable distance to an ignition source and flash back to source of vapors.

Special protective equipment and precautions for fire-fighters: Use shielding to protect from bursting cans. Do not attempt to take action without suitable protective equipment. Complete protective clothing. Self-contained breathing apparatus.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures: Ventilate spillage area. Do not breathe aerosol. Avoid contact with skin, eyes and clothing.

Methods and material for containment and cleaning up: Collect spillage. Leaking cans should be placed in a plastic bag or open pail until the pressure has dissipated. Absorb with an inert material and place in an appropriate waste disposal container. Dispose of materials or solid residues at an authorized site.

For further information refer to section 8: "Exposure controls/personal protection". For waste disposal after cleaning, see section 13.

7. Handling and storage

Precautions for safe handling: Do not handle until all safety precautions have been read and understood. Ensure adequate ventilation. Avoid contact with eyes, skin and clothing. Do not breathe spray, vapors, mist. Use personal protective equipment as required. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not spray on an open flame or other ignition source. Pressurized container: Do not pierce or burn, even after use. Handle in accordance with good industrial hygiene and safety procedures.

Storage conditions: Do not expose to temperatures exceeding 50 °C/ 122 °F. Protect from sunlight. Store in a well-ventilated place. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. U.F.C. (NFPA 30B) Level III Aerosol.

8. Exposure controls/personal protection

Exposure guidelines:

Carbon dioxide (CO ₂)	9000 mg/m ³ TWA OSHA PEL; 5000 ppm TWA OSHA PEL; 5000 ppm TWA ACGIH TLV; 30000 ppm STEL ACGIH
-----------------------------------	--

	TLV;
Heptane, branched, cyclic and linear	None established.
heptane, n-heptane	2000 mg/m ³ TWA OSHA PEL; 500 ppm TWA OSHA PEL; 400 ppm TWA ACGIH TLV; 500 ppm STEL ACGIH TLV;
Propan-2-ol, isopropyl alcohol, isopropanol	980 mg/m ³ TWA OSHA PEL; 400 ppm TWA OSHA PEL; 200 ppm TWA ACGIH TLV; 400 ppm STEL ACGIH TLV;
Toluene	200 ppm TWA OSHA PEL; 300 ppm Ceiling OSHA; 20 ppm TWA ACGIH TLV;

Appropriate engineering controls: Use with adequate general or local exhaust ventilation to maintain exposure levels below the occupational exposure limits.

Environmental exposure controls: Do not allow product to spread into the environment.

Personal protective equipment:

Hand protection: Wear suitable gloves

Eye protection: Use suitable eye protection

Skin and body protection: Wear suitable protective clothing

Respiratory protection: Not required for normal conditions of use. In operations where exposure limits are exceeded or exposure levels are excessive, an approved respirator should be used. Respirator selection and use should be based on contaminant type, form and concentration. Follow applicable regulations and good Industrial Hygiene practice.

9. Physical and chemical properties

Appearance: Aerosol spray can.

Physical state	: Liquid	Partition coefficient n-octanol/water (Log Pow)	: No data available
Color	: Clear, colorless liquid	Auto-ignition temperature	: 215 °C (419 °F)
Odor	: Solvents	Decomposition temperature	: No data available
Odor threshold	: No data available	Viscosity, kinematic	: No data available
pH	: No data available	Viscosity, dynamic	: No data available
Melting point	: No data available	Explosion limits	: Lower explosion limit: 1.1 vol % Upper explosion limit: 12 vol %
Freezing point	: No data available	Explosive properties	: No data available
Boiling point	: 82 °C (179.6 °F)	Oxidizing properties	: Not oxidising.
Flash point	: -1 °C (30.2 °F)		
Relative evaporation rate (butyl acetate=1)	: No data available		
Flammability	: Extremely flammable aerosol.		
Vapor pressure	: No data available		
Relative vapor density at 20°C	: No data available		
Relative density	: No data available		
Solubility	: Not miscible.		
No additional information available			

10. Stability and reactivity

Reactivity: Extremely flammable aerosol.

Chemical stability: Stable under normal conditions.

Possibility of hazardous reactions: No dangerous reactions known under normal conditions of use.

Conditions to avoid: Avoid contact with hot surfaces. Heat. No flames, no sparks. Eliminate all sources of ignition.

Incompatible materials : Strong oxidizing agents. Acids. Strong bases. Strong reducing agents.

Hazardous decomposition products: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

11. Toxicological information

Inhalation: Depression of the central nervous system, headaches, dizziness, drowsiness, loss of coordination.

Skin: Causes skin irritation.

Eyes: Causes serious eye irritation.

Ingestion: Aspiration hazard. May be fatal if swallowed and enters airways.

Chronic symptoms: May cause damage to organs (central nervous system) through prolonged or repeated exposure (inhalation). Suspected of damaging fertility or the unborn child.

Carcinogenicity: Not classified

Carbon dioxide (CO₂): This component is not listed as a carcinogen or suspected carcinogen by IARC, NTP, ACGIH, OSHA or the EU CLP.

Heptane, branched, cyclic and linear: This component is not listed as a carcinogen or suspected carcinogen by IARC, NTP, ACGIH, OSHA or the EU CLP.

heptane, n-heptane: This component is not listed as a carcinogen or suspected carcinogen by IARC, NTP, ACGIH, OSHA or the EU CLP.

Propan-2-ol, isopropyl alcohol, isopropanol: IARC 3 - Not classifiable;

Toluene: IARC 3 - Not classifiable;

Germ cell mutagenicity: Not classified

Reproductive toxicity: Suspected of damaging fertility or the unborn child.

Acute toxicity (oral) : Not classified

Acute toxicity (dermal) : Not classified

Acute toxicity (inhalation) : Not classified

Numerical measures of toxicity:

The following are the toxicity values for the components:

Carbon dioxide (CO₂) No data available

Heptane, branched, cyclic and linear No data available

heptane, n-heptane
> 5000 mg/kg bodyweight LD50 oral rat
> 2000 mg/kg LD50 dermal rabbit
> 29300 mg/m³ LC50 Inhalation - Rat

Propan-2-ol, isopropyl alcohol, isopropanol
5840 mg/kg LD50 oral rat
16.4 ml/kg LD50 dermal rabbit
1666.66 ppm/1h LC50 Inhalation - Rat

Toluene	5580 mg/kg LD50 oral rat; > 5000 mg/kg LD50 dermal rabbit 28.1 mg/l/4h LC50 Inhalation - Rat
Skin corrosion/irritation	Causes skin irritation.
Serious eye damage/irritation	Causes serious eye irritation.
Respiratory or skin sensitization	Not classified
STOT-single exposure	May cause drowsiness or dizziness.
STOT-repeated exposure	May cause damage to organs (Neurologic effect, hearing sense) through prolonged or repeated exposure (Inhalation).
Aspiration hazard	May be fatal if swallowed and enters airways.

12. Ecological information

Ecology - general: Very toxic to aquatic life with long lasting effects.

Ecotoxicity:

heptane, n-heptane	3.9 mg/l EC50 - Crustacea 0.17 mg/l Test organisms (species): Daphnia magna Duration: '21 d' NOEC (chronic)
Propan-2-ol, isopropyl alcohol, isopropanol	10000 mg/l Pimephales promelas (Fathead minnow) LC50 - Fish 9640 mg/l Pimephales promelas (Fathead minnow) LC50 - Fish > 10000 mg/l EC50 - Crustacea 3.37 mg/l NOEC chronic crustacea
Toluene	5.5 mg/l Oncorhynchus kisutch LC50 - Fish 7.63 mg/l Oncorhynchus mykiss (Rainbow trout) LC50 - Fish 3.78 mg/l EC50 - Crustacea 10 mg/l EC50 72h - Algae 0.74 mg/l Ceriodaphnia dubia Duration: '7 d' NOEC (chronic) 1.39 mg/l Oncorhynchus kisutch Duration: '40 d' NOEC chronic fish 0.74 mg/l NOEC chronic crustacea

Persistence and degradability:
Propan-2-ol, isopropyl alcohol, isopropanol: No data available
Readily biodegradable.

Bioaccumulative potential:
Propan-2-ol, isopropyl alcohol, isopropanol: No data available
BCF Fish - 3; Log KOW0.05

Mobility in soil: No data available

Other adverse effects:

No data available

13. Disposal considerations

Additional information: Flammable vapors may accumulate in the container.

14. Transport information

Department of Transportation (DOT)

Proper Shipping Name (DOT) : Aerosols

UN-No.(DOT) : UN1950
Class (DOT) : 2.1
Packing group (DOT) : Not applicable
Hazard labels (DOT) : Flammable gas
Dangerous for the environment : Yes

Transport by sea

Proper Shipping Name (IMDG) : AEROSOLS
UN-No. (IMDG) : 1950
Class (IMDG) : 2
Packing group (IMDG) : Not applicable
Marine pollutant : Yes

Air transport

Proper Shipping Name (IATA) : Aerosols, flammable
UN-No. (IATA) : 1950
Class (IATA) : 2
Packing group (IATA) : Not applicable

15. Regulatory information

SARA Section 313 - Emission Reporting: Chemical(s) subject to the reporting requirements of Section 313 or Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 and 40 CFR Part 372.

Toluene	108-88-3	1-5%
---------	----------	------

CERCLA Section 103:


Toluene	108-88-3	1000 lb
---------	----------	---------

SARA 302:

Not applicable

SARA Section 311/312 Hazard Classes: Refer to Section 2 for OSHA Hazard Classification.

California Proposition 65:

 **WARNING:** This product can expose you to Benzene, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

TSCA: All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory.

16. Other information

Issue date : 03/01/2023

Indication of changes:

new version.

NOTICE

The information contained herein has been developed based upon current available scientific data. New information may be developed from time to time which may render the conclusions of this report obsolete. Therefore, no warranty is extended as to the applicability of this information to the user's intended purpose or the consequences of its use or misuse.