



**SECTION 1
CHEMICAL PRODUCT AND IDENTIFICATION**

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Product Safety: 1 (800) 507-8899
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Version: 2

PRODUCT(S) DONN® Suspension System - Centricitee™ DXT/DXLT

**CHEMICAL FAMILY /
GENERAL CATEGORY** Steel

SYNONYMS Ceiling Tile Grid

**SECTION 2
HAZARD IDENTIFICATION**

EMERGENCY OVERVIEW:

CAUTION!

This product is not expected to produce any unusual hazards during normal use. Direct contact may irritate the skin, or eyes. Edges may be sharp and can cut skin. Unload from package with caution and handle carefully.

POTENTIAL HEALTH EFFECTS (See Section 11 for more information)

ACUTE :

| | |
|------------|---|
| Inhalation | Due to the physical nature of this product, inhalation is unlikely. There are no known health effects due to inhalation. Welding, burning, grinding or machining can generate metal particulate or elemental oxide fumes. Inhalation overexposure to manganese fume has been reported to cause "metal fume fever" characterized by fever and chills (i.e., flu-like symptoms). Such an overexposure is unlikely due to the small amount of manganese available. Fumes or mists of surface treatment oils may irritate the eyes and upper respiratory tract, and cause headache, dizziness and / or nausea if exposure is excessive. |
|------------|---|

| | |
|------|--|
| Eyes | Direct contact can cause irritation of eyes. If burning, redness, itching, pain or other symptoms persist or develop, consult physician. |
|------|--|

| | |
|------|---|
| Skin | Edges may be sharp and can cut skin. Unload from package with caution and handle carefully. |
|------|---|

| | |
|-----------|-------------|
| Ingestion | None known. |
|-----------|-------------|

CHRONIC:

| | |
|------------|--|
| Inhalation | Repeated and prolonged exposure to iron oxide fume may cause a benign pneumoconiosis called siderosis. The ACGIH recommended limit is set to protect against siderosis, any exposure is expected to remain well below OSHA regulatory and ACGIH recommended limits during normal handling and use of this product. None known. |
|------------|--|

| | |
|------|-------------|
| Eyes | None known. |
|------|-------------|

| | |
|------|-------------|
| Skin | None known. |
|------|-------------|

| | |
|-----------|---|
| Ingestion | None known. This product is not intended to be eaten. Wash hands before eating. |
|-----------|---|

TARGET ORGANS: Eyes, skin and respiratory system.

PRIMARY ROUTES OF ENTRY: Inhalation, eyes and skin contact.



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CARCINOGENICITY CLASSIFICATION OF INGREDIENT(S) All substances listed are associated with the nature of the raw materials used in the manufacture of this product and are not independent components of the product formulation. All substances, if present, are at levels well below regulatory limits. See Section 11: Toxicology Information for detailed information.

| MATERIAL | IARC | NTP | ACGIH | CAL- 65 |
|---------------------------------|------------|------------|--------------|------------|
| Tin | Not Listed | Not Listed | A4 (Organic) | Not Listed |
| Certain Nickel Compounds | 1 | 1 | A1 | Listed |
| Chromium (hexavalent compounds) | 1 | 1 | A1 | Listed |
| Certain Lead Compounds | 2A | 2 | A3 | Not Listed |

IARC - International Agency for Research on Cancer: 1- Carcinogenic to humans; 2A – Probably carcinogenic to humans; 2B – Possibly carcinogenic to humans; 3 - Not classifiable as a carcinogen; 4 – Probably not a carcinogen

NTP – National Toxicology Program (Health and Human Services Dept., Public Health Service, NIH/NIEHS): 1- Known to be carcinogen; 2- Anticipated to be carcinogens

ACGIH – American Conference of Governmental Industrial Hygienists: A1 – Confirmed human carcinogen; A2 – Suspected human carcinogen; A3 – Animal carcinogen; A4 - Not classifiable as a carcinogen; A5 – Not suspected as a human carcinogen

CAL-65 – California Proposition 65 “Chemicals known to the State of California to Cause Cancer”

IARC lists certain hexavalent chromium compounds under its Group 1 - "Confirmed Human Carcinogen". IARC lists certain nickel compounds under its Group 2A - "Suspected Human Carcinogen". IARC lists certain lead compounds under its Group 2A - "Suspected Human Carcinogen". Welding fume may also contain contaminants from fluxes and / or other welding consumables.

POTENTIAL ENVIRONMENTAL EFFECTS: This product has no known adverse effect on ecology. (See Section 12 for more information.)

SECTION 3 COMPOSITION, INFORMATION ON INGREDIENTS

| MATERIAL | WT% | CAS # |
|------------|-----|-----------|
| Iron | >90 | 7439-89-6 |
| Manganese | <10 | 7439-96-5 |
| Zinc | <10 | 7440-66-6 |
| Aluminum | <10 | 7429-90-5 |
| Tin | <2 | 7440-31-5 |
| Phosphorus | <2 | 7723-14-0 |
| Sulfur | <2 | 7704-34-9 |
| Nickel | <1 | 7440-02-0 |
| Chromium | <1 | 7440-47-3 |
| Copper | <1 | 7440-50-8 |
| Lead | <1 | 7439-92-1 |
| Silicon | <1 | 7440-21-3 |

All ingredients of this product are included in the U.S. Environmental Protection Agency's Toxic Substances Control Act Chemical Substance Inventory and the Canadian Domestic Substances List (DSL).

SECTION 4 FIRST AID MEASURES



FIRST AID PROCEDURES

| | |
|------------|---|
| Inhalation | In the unlikely event of over exposure to metals fumes if welding, remove to fresh air. Leave the area of exposure and remain away until coughing and other symptoms subside. Other measures are usually not necessary, however if conditions warrant, contact physician. |
| Eyes | In case of contact, do not rub or scratch your eyes. To prevent mechanical irritation, flush thoroughly with water for 15 minutes. If irritation persists, consult physician. |
| Skin | Wash with mild soap and water. If irritation persists, consult physician. |
| Ingestion | This product is not intended to be ingested or eaten. If gastric disturbance occurs, call physician. |

MEDICAL CONDITIONS WHICH MAY BE AGGRAVATED: Pre-existing skin diseases such as, but not limited to, rashes and dermatitis.

NOTES TO PHYSICIAN: Treatment should be directed at the control of symptoms and the clinical condition.

**SECTION 5
FIRE FIGHTING MEASURES**

| | | | |
|---|--|------------------------------------|----------------|
| General Fire Hazards | None known | | |
| Extinguishing Media | Water or use extinguishing media appropriate for surrounding fire. | | |
| Special Fire Fighting Procedures | Wear appropriate personal protective equipment. See section 8. | | |
| Unusual Fire/ Explosion Hazards | None known | | |
| Hazardous Combustion Products | None known | | |
| Flash Point | Not Applicable | Auto Ignition | Not Applicable |
| Method Used | Not Applicable | Flammability Classification | Not Applicable |
| Upper Flammable Limit (UFL) | Not Applicable | | |
| Lower Flammable Limit (LFL) | Not Applicable | Rate of Burning | Not Applicable |

**SECTION 6
ACCIDENTAL RELEASE MEASURES**

CONTAINMENT: No special precautions. Wear appropriate personal protective equipment. See section 8.

CLEAN-UP: Use normal clean up procedures. No special precautions.

DISPOSAL: Follow all local, state, provincial and federal regulations. Never discharge large releases directly into sewers or surface waters.

**SECTION 7
HANDLING AND STORAGE**



HANDLING: Avoid contact with eyes. Wear the appropriate eye protection (See Section 8). Use good safety and industrial hygiene practices.

STORAGE: Store in a cool, dry, ventilated area away from sources of heat, moisture and incompatibilities (see Section 10).

**SECTION 8
EXPOSURE CONTROLS/PERSONAL PROTECTION**

| MATERIAL | WT% | TLV (mg/m ³) | PEL(mg/m ³) |
|------------|-----|--------------------------|--------------------------|
| Iron | >90 | 5 (F) | 10 (F) |
| Manganese | <10 | 5 (Du) / 1 (F) | 5 (C) / 1 (F) |
| Zinc | <10 | 5 (F) / 10 (Du) | 5 (F) |
| Aluminum | <10 | 10 | 15 (T) / 5 (R) |
| Tin | <2 | 2 | 2 |
| Phosphorus | <2 | 0.02 ppm | 0.1 |
| Sulfur | <2 | 5 (as SO ₂) | 13 (as SO ₂) |
| Nickel | <1 | 1 (as Ni) | 1 (as Ni) |
| Chromium | <1 | 0.5 (as Cr) | 1.0 (as Cr) |
| Copper | <1 | 0.2 (F) | 0.1 (as Cu) |
| Lead | <1 | 0.15 (Du/F) | 0.05 |
| Silicon | <1 | 10 | 15 (T) / 5 (R) |

(T)–Total; (R)–Respirable; (NE)–Not Established; (C)–Ceiling; (STEL)–Short-term exposure limit
(F)–Fume; (Du)–Dust; (M)–Mist
ppm–part per million; f/cc–fiber per cubic centimeter; mppcf– million particles per cubic foot

ENGINEERING CONTROLS: If user operations generate exposures, use ventilation to keep exposure concentrations below permissible exposure limits. Where general ventilation is inadequate, use process enclosures, local exhaust ventilation, or other engineering controls to control exposure levels below permissible exposure limits.

RESPIRATORY PROTECTION: A respiratory program that meets OSHA's 29 CFR 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use.

OTHER PERSONAL PROTECTIVE EQUIPMENT:

| | |
|----------|--|
| Eye/Face | Wear eye protection, safety glasses or goggles, to avoid possible eye contact. |
| Skin | Wear gloves and protective clothing to prevent cuts, edges may be sharp and can cut skin. |
| General | Selection of Personal Protective Equipment will depend on environmental working conditions and operations. |

**SECTION 9
PHYSICAL AND CHEMICAL PROPERTIES**

| | | | |
|-------------------|----------------|--|----------------|
| Appearance | Formed metal | Vapor Density (Air = 1) | Not Applicable |
| Odor | Low to no odor | Specific Gravity (H₂O = 1) | 7.0-8.5 |



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| | | | |
|-----------------------------|---------------------|------------------------------|----------------|
| Odor Threshold | Not Determined | Solubility in water (g/100g) | Insoluble |
| Physical State | Solid | Partition Coefficient | Not Applicable |
| pH @ 25 °C | Not Applicable | Auto-ignition Temp | Not Applicable |
| Melting Point | Base Metal: 2750 °F | Decomposition Temp | Not Applicable |
| Freezing Point | Not Applicable | Viscosity | Not Applicable |
| Boiling Point | Not Applicable | Particle Size | Not Applicable |
| Flash Point | Not Applicable | Bulk Density | 7.0-8.5 |
| Evaporation Rate (BuAc = 1) | Not Applicable | Molecular Weight | Not Applicable |
| Upper Flammable Limit (UFL) | Not Applicable | VOC Content | Zero g/L |
| Lower Flammable Limit (LFL) | Not Applicable | Percent Volatile | Zero |
| Vapor Pressure (mm Hg) | Not Applicable | | |

SECTION 10 CHEMICAL STABILITY AND REACTIVITY

| | |
|--------------------------|--|
| STABILITY | Stable. |
| CONDITIONS TO AVOID | Contact with incompatibles (see below). |
| INCOMPATIBILITY | Contact with strong mineral acids will release flammable hydrogen gas. |
| HAZARDOUS POLYMERIZATION | None known. |
| HAZARDOUS DECOMPOSITION | None known. |

SECTION 11 TOXICOLOGICAL INFORMATION

ACUTE EFFECTS: Welding, burning, grinding or machining can generate metal particulate or elemental oxide fumes. Inhalation overexposure to manganese fume has been reported to cause "metal fume fever" characterized by fever and chills (i.e., flu-like symptoms). Such an overexposure is unlikely due to the small amount of manganese available. Fumes or mists of surface treatment oils may irritate the eyes and upper respiratory tract, and cause headache, dizziness and / or nausea if exposure is excessive.

CHRONIC EFFECTS / CARCINOGENICITY: Repeated and prolonged exposure to iron oxide fume may cause a benign pneumoconiosis called siderosis. The ACGIH recommended limit is set to protect against siderosis, any exposure is expected to remain well below OSHA regulatory and ACGIH recommended limits during normal handling and use of this product.

SECTION 12 ECOLOGICAL INFORMATION

ENVIRONMENTAL TOXICITY: This product has no known adverse effect on ecology.



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| | |
|--------------------------|-----------------|
| Ecotoxicity value | Not determined. |
|--------------------------|-----------------|

**SECTION 13
DISPOSAL CONSIDERATIONS**

WASTE DISPOSAL METHOD: Dispose of material in accordance with federal, state, and local regulations. Never discharge directly into sewers or surface waters. Consult with environmental regulatory agencies for guidance on acceptable disposal practices.

**SECTION 14
TRANSPORT INFORMATION**

U.S. DOT INFORMATION: Not a hazardous material per DOT shipping requirements. Not classified or regulated.

| | |
|---------------------------|-----------------------|
| Shipping Name | Same as product name. |
| Hazard Class | Not classified. |
| UN/NA # | None. Not classified. |
| Packing Group | None. |
| Label (s) Required | Not applicable. |
| GGVSec/MDG-Code | Not classified. |
| ICAO/IATA-DGR | Not applicable. |
| RID/ADR | None. |
| ADNR | None. |

**SECTION 15
REGULATORY INFORMATION**

UNITED STATES REGULATIONS
 All ingredients of this product are included in the U.S. Environmental Protection Agency's Toxic Substances Control Act Chemical Substance Inventory.

| MATERIAL | WT% | 3 0 2 | 3 0 4 | 3 1 3 | CERCLA | CAA Sec. 112 | RCRA Code |
|-----------------|------------|----------------------|----------------------|----------------------|---------------|-------------------------|----------------------|
| Iron | >90 | NL | NL | NL | NL | NL | NL |
| Manganese | <10 | NL | NL | X | NL | NL | NL |
| Zinc | <10 | NL | NL | X | 1,000 | NL | NL |
| Aluminum | <10 | NL | NL | X | NL | NL | NL |
| Tin | <2 | NL | NL | NL | NL | NL | NL |
| Phosphorus | <2 | 100 | 1 | X | 1 | NL | NL |
| Sulfur | <2 | NL | NL | NL | NL | NL | NL |
| Nickel | <1 | NL | NL | X | 100 | NL | NL |



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| | | | | | | |
|----------|----|----|----|----|---------|----|
| Chromium | <1 | NL | NL | X | 5,000NL | NL |
| Copper | <1 | NL | NL | X | 5,000NL | NL |
| Lead | <1 | NL | NL | X | 10 | NL |
| Silicon | <1 | NL | NL | NL | NL | NL |

Metals. For metals listed under CERCLA no reporting of releases of the solid form is required if the mean diameter of the pieces of the solid metal released is greater than 100 micrometers (0.004 inches). The RQs shown on the consolidated list apply to smaller particles.

Key : NL = Not Listed

SARA Title III Section 302 (EPCRA) Extremely Hazardous Substances: Threshold Planning Quantity (TPQ)

SARA Title III Section 304 (EPCRA) Extremely Hazardous Substances: Reportable Quantity (RQ)

SARA Title III Section 313 (EPCRA) Toxic Chemicals: X= Subject to reporting under section 313

CERCLA Hazardous Substances: Reportable Quantity (RQ)

CAA Section 112 (r) Regulated Chemicals for Accidental Release Prevention: Threshold Quantities(TQ)

RCRA Hazardous Waste: RCRA hazardous waste code

CANADIAN REGULATIONS

This product has been classified in accordance with the hazard criteria of Controlled Product regulations and the MSDS contains all the information required by the Controlled Products Regulations. All ingredients of this product are included in the Canadian Domestic Substances List (DSL).

| MATERIAL | WT% | IDL Item # | WHMIS Classification |
|------------|-----|------------|----------------------|
| Iron | >90 | Not Listed | Not Listed |
| Manganese | <10 | 974 | Not Listed |
| Zinc | <10 | Not Listed | Not Listed |
| Aluminum | <10 | 47 | Not Listed |
| Tin | <2 | 1570 | Not Listed |
| Phosphorus | <2 | 1295 | B4, D1A, E |
| Sulfur | <2 | Not Listed | B4 |
| Nickel | <1 | 1126 | D2A |
| Chromium | <1 | 399 | Not Listed |
| Copper | <1 | 433 | Not Listed |
| Lead | <1 | 937 | Not Listed |
| Silicon | <1 | Not Listed | Not Listed |

IDL Item#: Canadian Hazardous Products Act – Ingredient Disclosure List Item #

WHMIS Classification: Workplace Hazardous Material Information System

Risk and Safety Phrases defined by European Union Directive 67/548/EEC (Annex III and IV)

R-Phrase(s): None known.

S-Phrase(s): None known.

SECTION 16 OTHER INFORMATION



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Label Information**Δ CAUTION!**

Edges may be sharp and can cut skin. Unload from package with caution and handle carefully. Product safety information: 800-507-8899 or usg.com. Customer Service: 800 USG-4-YOU (800 874-4968). **KEEP OUT OF REACH OF CHILDREN.**

INFORMATION FOR HANDLING AND IDENTIFICATION OF CHEMICAL HAZARDS

| | | | | | | |
|---------------|---|--|---------------|---|---|---------------------|
| NFPA Ratings: | | | HMIS Ratings: | | HEALTH <input type="text" value="0"/> | 0 = Minimal Hazard |
| Health: | 0 | | Health: | 0 | FLAMMABILITY <input type="text" value="0"/> | 1 = Slight Hazard |
| Fire: | 0 | | Fire: | 0 | PHYSICAL HAZARD <input type="text" value="0"/> | 2 = Moderate Hazard |
| Reactivity: | 0 | | Reactivity: | 0 | PERSONAL PROTECTION <input type="text" value="B"/> | 3 = Serious Hazard |
| | | | | | | 4 = Severe Hazard |

B - Safety glasses and gloves

Key/Legend

| | |
|--------|--|
| ANSI | American National Standards Institute |
| ACGIH | American Conference of Governmental Industrial Hygienists |
| CAA | Clean Air Act |
| CAS | Chemical Abstracts Service (Registry Number) |
| CERCLA | Comprehensive Environmental Response, Compensation and Liability Act of 1980 |
| CFR | Code of Federal Regulations |
| DOT | United States Department of Transportation |
| DSL | Canadian Domestic Substances List |
| EPA | United States Environmental Protection Agency |
| EPCRA | Emergency Planning & Community Right-to-know Act |
| HMIS | Hazardous Materials Identification System |
| IARC | International Agency for Research on Cancer |
| MSHA | Mine Safety and Health Administration |
| NDSL | Canadian Non-Domestic Substances List |
| NFPA | National Fire Protection Association |
| NIOSH | National Institute for Occupational Safety and Health |
| OSHA | Occupational Health and Safety Administration |
| PEL | Permissible Exposure Limit |
| PPE | Personal Protection Equipment |
| RCRA | Resource Conservation and Recovery Act |
| SARA | Superfund Amendments and Reauthorization Act of 1986 |
| TLV | Threshold Limit Value |
| TSCA | Toxic Substances Control Act |
| UN/NA# | United Nations/North America number |
| WHMIS | Workplace Hazardous Material Information System |



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