

HoldTight®365 Safety Data Sheet

According to Regulation (EC) No. 453/2010
Date of issue 03/1/2020

Section 1 - Identification of the substance/mixture and of the company/undertaking

- 1.1 Product Identifier
Product form: Mixture
Trade name : Holdtight® 365
Product group: Mixture
- 1.2 Relevant identified uses of the substance or mixture and uses advised against
Relevant identified uses
- 1.2.1 Use of the substance/mixture: Rust and corrosion inhibitor, Water-displacing agent. Lubricant. Penetrating fluid. Shake before use.
Uses advised against: No additional information available
- 1.2.2
- 1.3 Details of the supplier of the safety data sheet
Corrosion Innovations
3500 South Richey St., Suite 320
Houston, TX 77017
713.625.7537
www.corrinnovations.com
- 1.4 Emergency telephone number
CHEMTREC: 1-800-424-9300

Section 2 - Hazards Identification

- 2.1 Classification of the substance or mixture
Classification according to Regulation (EC) No. 1272/2008 [CLP]
Flam. Liq. 3 H226
Asp. Tox. 1 H304
Full text of H-phrases: see section 16

- 2.2 Label elements
Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP)



Signal word (CLP): Danger

Hazard statements (CLP):

H226 - Flammable liquid and vapour

H304 - May be fatal if swallowed and enters airways

Precautionary statements (CLP):

P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking

P233 - Keep container tightly closed

P240 - Ground/bond container and receiving equipment

P241 - Use explosion-proof electrical/ventilating/lighting/... equipment

P280 - Wear protective gloves, protective clothing, chemical goggles, & face protection

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

P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower

P331 - Do NOT induce vomiting

P370+P378 - In case of fire: Use carbon dioxide (CO₂), dry extinguishing powder to extinguish

P403+P235 - Store in a well-ventilated place. Keep cool

P405 - Store locked up

P501 - Dispose of contents/container to licensed waste handling facility

2.3 Other hazards

Other hazards not contributing to the classification: None under normal conditions.

Section 3 - Composition / Information on Ingredients

3.1 Substance: Not applicable.

3.2 Mixture

Full text of R- and H-phrases: see section 16

NAME	PRODUCT IDENTIFIER	%	CLASSIFICATION ACCORDING TO REGULATION (EC) NO. 1272/2008 [CLP]
Petroleum distillates, hydrotreated light	(CAS No) 64742-47-8 (EC no) 265-149-8 (EC index no) 649-422-00-2	30-60	Asp. Tox. 1, H304, Flammable 3, H226

Section 4 - First Aid Measures

4.1 Description of first aid measures

First-aid measures general	If exposed or concerned, get medical attention/advice. Show this safety data sheet to the doctor in attendance. Wash contaminated clothing before re-use. Never give anything to an unconscious person.
First-aid measures after inhalation	IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if breathing is affected. If breathing is difficult, supply oxygen.
First-aid measures after skin contact	IF ON SKIN (or clothing): Remove affected clothing and wash all exposed skin with water for at least 15 minutes. If irritation develops or persists, get medical attention.
First-aid measures after eye contact	IF IN EYES: Immediately flush with plenty of water for at least 15 minutes. Remove contact lenses if present and easy to do so. If pain, blinking, or irritation develops or persists, get medical attention. Continue rinsing.
First-aid measures after ingestion	IF SWALLOWED: Immediately give large amounts of water. Do NOT induce vomiting. Immediately call a POISON CENTER or doctor/physician.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms/injuries	May be fatal if swallowed and enters airways.
Symptoms/injuries after inhalation	Respiratory effects of acute exposure include irritation of the nose and throat, coughing, sneezing, reflex bronchospasm, dyspnea and pulmonary edema.
Symptoms/injuries after skin contact	May cause skin irritation.

Symptoms/injuries after eye contact	May cause slight irritation.
Symptoms/injuries after ingestion	May cause a light irritation of the linings of the mouth, throat, and gastrointestinal tract. Swallowing the liquid may cause aspiration into the lungs with the risk of chemical pneumonitis.

- 4.3 Indication of any immediate medical attention and special treatment needed: No additional information available

Section 5 - Firefighting measures

- 5.1 Extinguishing media
Suitable extinguishing media: Foam. Dry powder. Carbon dioxide. Sand.
Unsuitable extinguishing media: Water.
- 5.2 Special hazards arising from the substance or mixture
Fire hazard: Flammable liquid and vapour.
Explosion hazard: Product is not explosive.
- 5.3 Advice for firefighters
Firefighting instructions: Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Do not dispose of fire-fighting water in the environment.
Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.

Section 6 - Accidental release measures

- 6.1 Personal precautions, protective equipment and emergency procedures
General measures : Remove ignition sources. Evacuate area. Keep upwind. Ventilate area. Spill should be handled by trained clean-up crews properly equipped with respiratory equipment and full chemical protective gear (see Section 8).
- 6.1.1 For non-emergency personnel:
Protective equipment: Wear Protective equipment as described in Section 8.
Emergency procedures: Evacuate unnecessary personnel

6.1.2 For emergency responders

Protective equipment: Wear suitable protective clothing, gloves and eye or face protection. Approved supplied-air respirator, in case of emergency.

6.2 Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters. Avoid release to the environment.

6.3 Methods and material for containment and cleaning up

For containment: Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.

Methods for cleaning up: Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Place in a suitable container for disposal in accordance with the waste regulations (see Section 13).

6.4 Reference to other sections

No additional information available

Section 7 - Handling and storage

7.1 Precautions for safe handling

Do not handle until all safety precautions have been read and understood. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapour. Do not breathe vapors and mists. Keep away from sources of ignition - No smoking.

7.2 Conditions for safe storage, including any incompatibilities

Storage conditions:

Keep only in the original container in a cool, well ventilated place away from :
Heat sources. Keep container closed when not in use.

7.3 Specific end use(s): No additional information available.

Section 8 - Exposure controls/personal protection

8.1 Control parameters: Not applicable

8.2 Exposure controls

Appropriate engineering controls: Ensure adequate ventilation, especially in confined areas.

Personal protective equipment: Gloves. Protective goggles.

High gas/vapour concentration: gas mask.

Hand protection: Use gloves chemically resistant to this material when prolonged or repeated contact could occur. Gloves should be classified under Standard EN 374 or ASTM F1296.

Suggested glove materials are: Neoprene, Nitrile/butadiene rubber, Polyethylene, Ethyl vinyl alcohol laminate, PVC or vinyl.

Eye protection: Eye protection, including both chemical splash goggles and face shield, must be worn when possibility exists for eye contact due to spraying liquid or airborne particles

Skin and body protection: Wear suitable protective clothing. Wear long sleeves

Respiratory protection: Where excessive vapour, mist, or dust may result, use proper EN 133 classified respiratory



Section 9 - Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state: Liquid

Colour: Brown-yellow.

Odour: Characteristic.

Odour threshold: No data available

pH: No data available

Relative evaporation rate (butylacetate=1): No data available

Melting point: <-5 °C

Freezing point: No data available

Boiling point: 160 - 300 °C

Flash point (open cup): 50 °C (122°F)

Auto-ignition temperature: No data available

Decomposition temperature: No data available

Flammability (solid, gas): No data available

Vapour pressure: 0.28 psi (Reid Method, ASTM D 323)

Relative vapour density at 20 °C: No data available
Relative density: No data available
Density: 0.83 g/ml
Solubility: Insoluble in water.
Log Pow: No data available
Viscosity, kinematic: 6.02 cSt (at 40°C, ASTM D445.a);
2.05 cSt (at 100°C, ASTM D445.a)
Viscosity, dynamic: No data available
Explosive properties: No data available
Oxidising properties: No data available
Explosive limits: 0.6 - 8 vol %

- 9.2 Other information
VOC content: 38%

Section 10 - Stability and reactivity

- 10.1 Reactivity
No dangerous reactions known under normal conditions of use.
- 10.2 Chemical stability
Stable under recommended handling and storage conditions (see section 7).
- 10.3 Possibility of hazardous reactions
None known.
- 10.4 Conditions to avoid
None known.
- 10.5 Incompatible materials
Strong acids. Strong bases.
- 10.6 Hazardous decomposition products
Thermal decomposition generates : Sulfur oxides. Carbon oxides (CO, CO₂).

Section 11 - Toxicological information

- 11.1 Information on toxicological effects
Acute toxicity: Not classified. No data available for mixture.

Petroleum distillates, hydrotreated light (64742-47-8)	
LD50 oral rat	> 5000 mg/kg
LD50 dermal rabbit	> 2000 mg/kg
LC50 inhalation rat (mg/l)	> 5.2 mg/l/4h

Skin corrosion/irritation: Not classified. No data available for mixture.
 Serious eye damage/irritation: Not classified. No data available for mixture.
 Respiratory or skin sensitisation: Not classified. No data available for mixture. Germ cell mutagenicity: Not classified. No data available for mixture.
 Carcinogenicity: Not classified. No data available for mixture.
 Reproductive toxicity: Not classified. No data available for mixture.
 Specific target organ toxicity (single exposure): Not classified. No data available for mixture.
 Specific target organ toxicity (repeated exposure): Not classified. No data available for mixture.
 Aspiration hazard : May be fatal if swallowed and enters airways.

Section 12 - Ecological Information

- 12.1 Toxicity: No additional information available
- 12.2 Persistence and degradability: No additional information available
- 12.3 Bioaccumulative potential: No additional information available
- 12.4 Mobility in soil: No additional information available
- 12.5 Results of PBT and vPvB assessment: No additional information available
- 12.6 Other adverse effects: No additional information available

Section 13 - Disposal considerations

- 13.1 Waste treatment methods: Do not discharge to public wastewater systems without permit of pollution control authorities. No discharge to surface waters is allowed without an NPDES permit.
 Waste disposal recommendations: Dispose in a safe manner in accordance with local/national regulations. Do not allow the product to be released into the environment.

Section 14 - Transport information

In accordance with ADR/RID/IMDG/IATA/ADN

14.1 UN number

UN-No. (ADR): 1993
UN-No. (IMDG): 1993
UN-No. (IATA): 1993
UN-No. (ADN): 1993
UN-No. (RID): 1993

14.2 UN proper shipping name

Proper Shipping Name (ADR): FLAMMABLE LIQUID, N.O.S. (contains Petroleum Distillates)
Proper Shipping Name (IMDG): FLAMMABLE LIQUID, N.O.S. (contains Petroleum Distillates)
Proper Shipping Name (IATA): FLAMMABLE LIQUID, N.O.S. (contains Petroleum Distillates)
Proper Shipping Name (ADN): FLAMMABLE LIQUID, N.O.S. (contains Petroleum Distillates)
Proper Shipping Name (RID): FLAMMABLE LIQUID, N.O.S. (contains Petroleum Distillates)
Transport document description (ADR): UN 1993 FLAMMABLE LIQUID, N.O.S., 3, III, (D/E)
Transport document description (IMDG): UN 1993 FLAMMABLE LIQUID, N.O.S., 3, III

14.3 Transport hazard class(es)

ADR

Transport hazard class(es) (ADR): 3
Danger labels (ADR): 3



IMDG

Transport hazard class(es) (IMDG): 3
Danger labels (IMDG): 3



IATA

Transport hazard class(es) (IATA): 3
Danger labels (IATA): 3



ADN
Transport hazard class(es) (ADN): 3
Danger labels (ADN): 3



RID
Transport hazard class(es) (RID): 3
Danger labels (RID): 3



14.4 Packing group

Packing group (ADR): III
Packing group (IMDG): III
Packing group (IATA): III
Packing group (ADN): III
Packing group (RID): III

14.5 Environmental hazards

Dangerous for the environment: No
Marine pollutant: No
Other information: No supplementary information available

14.6 Special precautions for user

OVERLAND TRANSPORT

Classification code (ADR): F1
Special provisions (ADR): 274, 601, 640E
Limited quantities (ADR): 5L
Excepted quantities (ADR): E1
Packing instructions (ADR): P001, IBC03, LP01, R001
Mixed packing provisions (ADR): MP19
Portable tank and bulk container instructions (ADR): T4
Portable tank and bulk container special provisions (ADR): TP1, TP29
Tank code (ADR): LGBF
Vehicle for tank carriage: FL
Transport category (ADR): 3
Special provisions for carriage - Packages (ADR): V12
Special provisions for carriage - Operation (ADR): S2
Hazard identification number (Kemler No.): 30
Orange plates:



Tunnel restriction code (ADR): D/E
EAC code: •3YE

TRANSPORT BY SEA

Special provisions (IMDG): 223, 274, 955
Limited quantities (IMDG): 5 L
Excepted quantities (IMDG): E1
Packing instructions (IMDG): P001, LP01
IBC packing instructions (IMDG): IBC03
Tank instructions (IMDG): T4
Tank special provisions (IMDG): TP1, TP29
EmS-No. (Fire): F-E
EmS-No. (Spillage): S-E
Stowage category (IMDG): A

AIR TRANSPORT

PCA Excepted quantities (IATA): E1
PCA Limited quantities (IATA): 10 L PCA
PCA limited quantity max net quantity (IATA): 60 L
Packing instructions (IATA): Y344
PCA max net quantity (IATA): 355
CAO packing instructions (IATA): 366
CAO max net quantity (IATA): 220L
Special provisions (IATA):
ERG code (IATA): 3L

INLAND WATERWAY TRANSPORT

Classification code (ADN): F1
Special provisions (ADN): 274, 61, 64E
Limited quantities (ADN): 5 L
Excepted quantities (ADN): E1
Carriage permitted (ADN): T
Equipment required (ADN): PP, EX, A
Ventilation (ADN): VE01
Number of blue cones/lights (ADN): 0
Not subject to ADN: No

RAIL TRANSPORT

Classification code (RID): F1
Special provisions (RID): 274, 601, 640E
Limited quantities (RID): 5L

Excepted quantities (RID): E1
Packing instructions (RID): P001, IBC03, LP01, R001
Mixed packing provisions (RID): MP19
Portable tank and bulk container instructions (RID): T4
Portable tank and bulk container special provisions (RID): TP1, TP29
Tank codes for RID tanks (RID): LGBF
Transport category (RID): 3
Special provisions for carriage – Packages (RID): W12
Colis express (express parcels) (RID): CE4
Hazard identification number (RID): 30
Carriage prohibited (RID): No

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code: Not applicable

Section 15 - Regulatory information

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

15.1.1 EU-Regulations

Contains no substances with Annex XVII restrictions
Contains no substance on the REACH candidate list
Contains no REACH Annex XIV substances.
VOC content: 38 %

15.1.2 National regulations

All chemical substances in this product are listed in the EPA (Environment Protection Agency) TSCA (Toxic Substances Control Act) Inventory

Germany

VwVwS Annex reference: Water hazard class (WGK) 3, severe hazard to waters (Classification according to VwVwS, Annex 4)

12th Ordinance Implementing the Federal Immission Control Act - 12.BImSchV: Is not subject of the 12. BImSchV (Hazardous Incident Ordinance)

Denmark

Class for fire hazard: Class II-1

Store unit: 5 liter

Classification remarks: R10 <H226;H304>; Emergency management guidelines for the storage of flammable liquids must be followed

Recommendations Danish Regulation: Young people below the age of 18 years are not allowed to use the product

15.2 Chemical safety assessment: No additional information available

Section 16 - Other information

Indication of changes:
New SDS Created.

Other information:
Author: MP.

Full text of R-, H- and EUH-phrases:

Asp. Tox. 1	Aspiration hazard, Category 1
Flam. Liq. 3	Flammable liquids, Category 3
H226	Flammable liquid and vapour
H304	May be fatal if swallowed and enters airways

Classification according to Regulation (EC) 1272/2008	Classification procedure
Asp. Tox. 1, H304	Kinematic viscosity data
Flam. Liq. 3, H226	Flash point data

SDS EU (REACH Annex II)

To the best of our knowledge, the information contained herein is accurate. However, Holdtight Solutions., nor any of its distributors assume any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards which exist.