We create chemistry

# Safety Data Sheet
## 902 PLASTIC PREPCLEANER



## 1. Identification

### Product identifier used on the label

## 902 PLASTIC PREPCLEANER

### Recommended use of the chemical and restriction on use
Recommended use*: for industrial use only

* The “Recommended use” identified for this product is provided solely to comply with a Federal requirement and is not part of the seller's published specification. The terms of this Safety Data Sheet (SDS) do not create or infer any warranty, express or implied, including by incorporation into or reference in the seller's sales agreement.

### Details of the supplier of the safety data sheet

Company:
BASF CORPORATION
100 Park Avenue
Florham Park, NJ 07932, USA

Telephone: +1 973 245-6000

### Emergency telephone number

CHEMTREC: 1-800-424-9300
BASF HOTLINE: 1-800-832-HELP (4357)

### Other means of identification
Synonyms: PAINT RELATED MATERIAL

## 2. Hazards Identification

**According to Regulation 2012 OSHA Hazard Communication Standard; 29 CFR Part 1910.1200**

### Classification of the product

| | | |
|---|---|---|
| Skin Corr./Irrit. | 2 | Skin corrosion/irritation |
| Eye Dam./Irrit. | 1 | Serious eye damage/eye irritation |
| STOT SE | 3 (Vapours may cause drowsiness and dizziness.) | Specific target organ toxicity — single exposure |
| STOT SE | 3 (irritating to respiratory system) | Specific target organ toxicity — single exposure |
| Aquatic Acute | 3 | Hazardous to the aquatic environment - acute |
| STOT RE | 1 | Specific target organ toxicity — repeated |

| | | |
|---|---|---|
| | | exposure |
| Aquatic Chronic | 2 | Hazardous to the aquatic environment - chronic |
| Flam. Liq. | 3 | Flammable liquids |
| Asp. Tox. | 1 | Aspiration hazard |

**Label elements**

Pictogram:



Signal Word:
Danger

Hazard Statement:

| | |
|---|---|
| H318 | Causes serious eye damage. |
| H315 | Causes skin irritation. |
| H402 | Harmful to aquatic life. |
| H411 | Toxic to aquatic life with long lasting effects. |
| H226 | Flammable liquid and vapour. |
| H304 | May be fatal if swallowed and enters airways. |
| H336 | May cause drowsiness or dizziness. |
| H335 | May cause respiratory irritation. |
| H372 | Causes damage to organs (Central nervous system) through prolonged or repeated exposure. |

Precautionary Statements (Prevention):

| | |
|---|---|
| P280 | Wear protective gloves/protective clothing/eye protection/face protection. |
| P273 | Avoid release to the environment. |
| P271 | Use only outdoors or in a well-ventilated area. |
| P260 | Do not breathe dust or mist. |
| P270 | Do not eat, drink or smoke when using this product. |
| P264 | Wash with plenty of water and soap thoroughly after handling. |
| P242 | Use only non-sparking tools. |
| P241 | Use explosion-proof electrical/ventilating/lighting/equipment. |
| P243 | Take action to prevent static discharges. |
| P233 | Keep container tightly closed. |
| P210 | Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. |
| P240 | Ground and bond container and receiving equipment. |
| P261 | Avoid breathing dust/fume/gas/mist/vapours/spray. |

Precautionary Statements (Response):

| | |
|---|---|
| P305 + P351 + P338 | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |
| P314 | Get medical advice/attention if you feel unwell. |
| P302 + P352 | IF ON SKIN: Wash with plenty of soap and water. |
| P370 + P378 | In case of fire: Use water spray for extinction. |
| P362 + P364 | Take off contaminated clothing and wash it before reuse. |
| P321 | Specific treatment (see on this label). |
| P310 | Immediately call a POISON CENTER or doctor/physician. |
| P301 + P310 | IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. |
| P332 + P313 | If skin irritation occurs: Get medical advice/attention. |
| P303 + P361 + P353 | IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. |
| P304 + P340 | IF INHALED: Remove person to fresh air and keep comfortable for breathing. |
| P331 | Do NOT induce vomiting. |
| P391 | Collect spillage. |

Precautionary Statements (Storage):

| | |
|---|---|
| P403 + P233 | Store in a well-ventilated place. Keep container tightly closed. |
| P403 + P235 | Store in a well-ventilated place. Keep cool. |
| P405 | Store locked up. |

Precautionary Statements (Disposal):

| | |
|---|---|
| P501 | Dispose of contents/container to hazardous or special waste collection point. |

### Hazards not otherwise classified

No applicable information available.

## 3. Composition / Information on Ingredients

**According to Regulation 2012 OSHA Hazard Communication Standard; 29 CFR Part 1910.1200**

| CAS Number | Weight % | Chemical name |
|---|---|---|
| 71-36-3 | >= 25.0 - < 50.0% | n-butanol |
| 95-63-6 | >= 1.0 - < 3.0% | 1,2,4-trimethylbenzene |
| 110-43-0 | >= 3.0 - < 5.0% | 2-heptanone |
| 34590-94-8 | >= 10.0 - < 15.0% | dipropylene glycol monomethylether |
| 100-41-4 | >= 0.3 - < 1.0% | ethylbenzene |
| 64742-82-1 | >= 25.0 - < 50.0% | Naphtha (petroleum), hydrodesulfurized heavy, Flpoint < 55°C |

## 4. First-Aid Measures

### Description of first aid measures

**General advice:**
First aid personnel should pay attention to their own safety. If the patient is likely to become unconscious, place and transport in stable sideways position (recovery position). Remove contaminated clothing.

**If inhaled:**
Keep patient calm, remove to fresh air. If breathing difficulties develop, aid in breathing and seek immediate medical attention.

**If on skin:**
Seek medical attention. Immediately wash affected area with soap and water for 20-30 minutes or until chemical is removed.

**If in eyes:**
Flush with copious amounts of water for at least 15 minutes. Hold eyelids open to facilitate rinsing. If irritation develops, seek medical attention. Seek medical attention.

**If swallowed:**
Immediate medical attention required. Never induce vomiting or give anything by mouth if the victim is unconscious or having convulsions. Do not induce vomiting. Rinse mouth and then drink 200-300 ml of water.

### Most important symptoms and effects, both acute and delayed

Symptoms: The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11.

### Indication of any immediate medical attention and special treatment needed

Note to physician

| | |
|---|---|
| Treatment: | Treat according to symptoms (decontamination, vital functions), no known specific antidote. |

## 5. Fire-Fighting Measures

### Extinguishing media

Suitable extinguishing media:
carbon dioxide, foam, dry powder, water spray

Unsuitable extinguishing media for safety reasons:
water jet

### Special hazards arising from the substance or mixture

Hazards during fire-fighting:
Vapors and/or decomposition products are irritant and/or toxic. If product is heated above decomposition temperature acrid smoke and fumes will be released.

### Advice for fire-fighters

Protective equipment for fire-fighting:
Firefighters should be equipped with self-contained breathing apparatus and turn-out gear.

**Further information:**
Notify proper authorities. Do not flood burning material with water due to potential spreading of fire. Flash fire may occur. Run-off water from fire may cause pollution. Contain contaminated water/firefighting water. Remove product from areas of fire, or otherwise cool sealed containers with water in order to avoid pressure build up due to heat. Vapours are heavier than air and may accumulate in low areas and travel a considerable distance up to the source of ignition.

## 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures
Avoid contact with skin and eyes. Use antistatic tools. Extinguish sources of ignition nearby and downwind. Avoid prolonged inhalation. Wear suitable personal protective clothing and equipment. Ensure adequate ventilation.

### Environmental precautions
Do not discharge into drains/surface waters/groundwater.

A spill of or in excess of the reportable quantity requires notification to state, local and national emergency authorities.

### Methods and material for containment and cleaning up
Dike spillage. Spills should be contained, solidified, and placed in suitable containers for disposal. Place into appropriately labeled waste containers.

## 7. Handling and Storage

### Precautions for safe handling
Handle and open container with care. WARNING: Empty containers may still contain hazardous residue. Use static lines when mixing and transferring material. Do not puncture, drop, or slide containers. Ensure adequate ventilation. Avoid contact with the skin, eyes and clothing.

Proper ventilation and respiratory protection is required when sanding, flame cutting, welding or brazing coated surfaces. Do not apply to hot surfaces.

Protection against fire and explosion:
Risk of explosion if heated under confinement. Use antistatic tools. Exhaust fans should be explosion proof. Avoid all sources of ignition: heat, sparks, open flame. Provide adequate ventilation to remove solvent vapors from lower levels or work areas and to prevent solvent contact with ignition sources. Sealed containers should be protected against heat as this results in pressure build-up.

### Conditions for safe storage, including any incompatibilities
Segregate from strong bases. Segregate from oxidizing agents. Segregate from incompatible substances. Segregate from strong acids.

Suitable materials for containers: Stainless steel 1.4301 (V2), High density polyethylene (HDPE), Low density polyethylene (LDPE), Polyethylenetherephtalate (PET), Polypropylene (PP)

Further information on storage conditions: Keep container tightly closed. Protect from direct sunlight.

Storage stability:
Storage temperature: < 120 °F
Consult local fire marshal for storage requirements.
Protect from temperatures above: 49 °C

## 8. Exposure Controls/Personal Protection

**Components with occupational exposure limits**

| | | |
|---|---|---|
| n-butanol | OSHA PEL | PEL 100 ppm 300 mg/m3 ; SKIN_FINAL ;<br>The substance can be absorbed through the skin.<br>CLV 50 ppm 150 mg/m3 ; |

| | | |
|---|---|---|
| | ACGIH TLV | TWA value 20 ppm ; |
| 1,2,4-trimethylbenzene | OSHA PEL | TWA value 25 ppm 125 mg/m3 ; |
| | ACGIH TLV | TWA value 25 ppm ; |
| 2-heptanone | OSHA PEL | PEL 100 ppm 465 mg/m3 ; TWA value 100 ppm 465 mg/m3 ; |
| | ACGIH TLV | TWA value 50 ppm ; |
| dipropylene glycol monomethylether | OSHA PEL | PEL 100 ppm 600 mg/m3 ; Skin Designation ; The substance can be absorbed through the skin. SKIN_FINAL ; The substance can be absorbed through the skin. TWA value 100 ppm 600 mg/m3 ; STEL value 150 ppm 900 mg/m3 ; |
| | ACGIH TLV | STEL value 150 ppm ; TWA value 100 ppm ; Skin Designation ; The substance can be absorbed through the skin. |
| ethylbenzene | OSHA PEL | PEL 100 ppm 435 mg/m3 ; TWA value 100 ppm 435 mg/m3 ; STEL value 125 ppm 545 mg/m3 ; |
| | ACGIH TLV | TWA value 20 ppm ; |
| Naphtha (petroleum), hydrodesulfurized heavy, Flpoint < 55°C | OSHA PEL | PEL 500 ppm 2,900 mg/m3 ; TWA value 100 ppm 525 mg/m3 ; |
| | ACGIH TLV | TWA value 100 ppm ; |

**Advice on system design:**
General mechanical ventilation should comply with OSHA 1910.94.
Provide local exhaust ventilation to maintain recommended P.E.L.

**Personal protective equipment**

**Respiratory protection:**
Do not exceed the maximum use concentration for the respirator facepiece/cartridge combination. Wear a NIOSH-certified (or equivalent) organic vapour respirator. Particulate filters should be added during spray operations. Wear respiratory protection if ventilation is inadequate.

Observe OSHA regulations for respirator use (29 CFR 1910.134).

**Hand protection:**
Use appropriate chemically resistant gloves as determined by an evaluation of glove performance characteristics and the hazards and potential hazards identified, including but not limited to butyl, natural and synthetic rubber, nitrile, or neoprene.

**Eye protection:**
Wear face shield if splashing hazard exists. Tightly fitting safety goggles (chemical goggles).

**Body protection:**
Body protection must be chosen based on level of activity and exposure.

**General safety and hygiene measures:**
Work place should be equipped with a shower and an eye wash. Remove contaminated clothing. Remove contaminated clothing immediately and clean before re-use or dispose it if necessary.

Contact lenses should not be worn. Hands and/or face should be washed before breaks and at the end of the shift.

## 9. Physical and Chemical Properties

| | |
|---|---|
| Form: | liquid |
| Odour: | aromatic<br>aromatic |
| Odour threshold: | No applicable information available. |
| Colour: | clear |
| pH value: | Unspecified |
| Melting point: | No applicable information available. |
| Boiling range: | 242.60 - 356.00 °F<br>117.00 - 180.00 °C |
| Sublimation point: | No applicable information available. |
| Flash point: | 32.22 °C<br>90.00 °F |
| Flammability: | No applicable information available. |
| Lower explosion limit: | 1.00 %(V) |
| Upper explosion limit: | 14.00 %(V) |
| Vapour pressure: | No applicable information available. |
| Density: | 0.81 g/cm3<br>( 20 °C) |
| Relative density: | 0.8079<br>( 20 °C) |
| Vapour density: | No applicable information available. |
| Partitioning coefficient n-octanol/water (log Pow): | No applicable information available. |
| Thermal decomposition: | No applicable information available. |
| Viscosity, dynamic: | No applicable information available. |
| Viscosity, kinematic: | < 20.500 mm2/s |
| Solubility (quantitative): | No applicable information available. |
| Solubility (qualitative): | No applicable information available. |
| Molar mass: | No applicable information available. |
| Evaporation rate: | No applicable information available. |

## 10. Stability and Reactivity

### Reactivity
No applicable information available.

### Chemical stability
The product is chemically stable.

### Possibility of hazardous reactions
No applicable information available.

### Conditions to avoid
Avoid all sources of ignition: heat, sparks, open flame. Avoid electro-static discharge.

### Incompatible materials
strong oxidizing agents, strong bases, strong acids

### Hazardous decomposition products

Decomposition products:

carbon dioxide, carbon monoxide

Thermal decomposition:
No applicable information available.

## 11. Toxicological information

### Primary routes of exposure

Routes of entry for solids and liquids are ingestion and inhalation, but may include eye or skin contact. Routes of entry for gases include inhalation and eye contact. Skin contact may be a route of entry for liquefied gases.

Primary routes of entry
Solvents are absorbed through the skin.

### Acute Toxicity/Effects

Acute toxicity
Assessment of acute toxicity: The product has not been tested. The statement has been derived from the properties of the individual components.

*Information on: n-butanol*
*Assessment of acute toxicity:Of low toxicity after short-term skin contact. Virtually nontoxic by inhalation. Of low toxicity after single ingestion. The European Union (EU) has classified this substance as 'harmful' after oral exposure.*
*If used as intended, this product is not expected to present a physical or health hazard.*

*Information on: 1,2,4-trimethylbenzene*
*Assessment of acute toxicity:Of low toxicity after single ingestion. Of moderate toxicity after short-term inhalation. EU-classification Virtually nontoxic after a single skin contact.*

*Information on: 2-heptanone*
*Assessment of acute toxicity:Of moderate toxicity after short-term inhalation. Of moderate toxicity after single ingestion. Virtually nontoxic after a single skin contact.*

*Information on: ethylbenzene*
*Assessment of acute toxicity:Of moderate toxicity after short-term inhalation. Virtually nontoxic after a single skin contact. Of low toxicity after single ingestion.*
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Assessment other acute effects
Assessment of STOT single:
Causes temporary irritation of the respiratory tract. Possible narcotic effects (drowsiness or dizziness).

Irritation / corrosion
Assessment of irritating effects: Skin contact causes irritation. May cause severe damage to the eyes.

*Information on: n-butanol*
*Assessment of irritating effects: Skin contact causes irritation. Risk of serious damage to eyes.*

*Information on: 1,2,4-trimethylbenzene*
*Assessment of irritating effects: Irritating to eyes and skin. EU-classification*

*Information on: ethylbenzene*
*Assessment of irritating effects: May cause slight irritation to the skin. May cause slight irritation to the eyes.*

*Information on: Naphtha (petroleum), hydrodesulfurized heavy, Flpoint < 55°C*
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Sensitization
Assessment of sensitization: No applicable information available.

Aspiration Hazard
Aspiration into the respiratory system may cause lung injury.

### Chronic Toxicity/Effects

Repeated dose toxicity
Assessment of repeated dose toxicity: Repeated exposure to small quantities may affect certain organs.

*Information on: 1,2,4-trimethylbenzene*
*Assessment of repeated dose toxicity: Repeated oral uptake of the substance did not cause substance-related effects. Investigations using experimental animals show that the material can cause lung tissue changes following inhalation.*

*Information on: 2-heptanone*
*Assessment of repeated dose toxicity: No adverse effects were observed after repeated exposure in animal studies.*

*Information on: ethylbenzene*
*Assessment of repeated dose toxicity: The substance may cause damage to the liver after repeated ingestion of high doses, as shown in animal studies. The substance may cause deafness after repeated inhalation. The substance may cause deafness after repeated ingestion.*

*Information on: Naphtha (petroleum), hydrodesulfurized heavy, Flpoint < 55°C*
*Assessment of repeated dose toxicity: Effects on the kidney of male rats were detected after repeated exposure. These effects are specific for the male rat and are known to be of no relevance to humans. The product has not been fully tested. The statements have been derived in parts from products of a similar structure or composition.*
*EU-classification Repeated exposure to small quantities may affect certain organs. Damages the central nerve system.*
---

Genetic toxicity
Assessment of mutagenicity: No applicable information available.

Carcinogenicity
Assessment of carcinogenicity: The product has not been tested. The statement has been derived from the properties of the individual components.

*Information on: ethylbenzene*
*Assessment of carcinogenicity: Indication of possible carcinogenic effect in animal tests. The effect is caused by an animal specific mechanism that has no human counter part. A clear indication of an increased risk of cancer in humans has so far not been shown. IARC (International Agency for Research on Cancer) has classified this substance as group 2B (The agent is possibly carcinogenic to humans).*

*Information on: Naphtha (petroleum), hydrodesulfurized heavy, Flpoint < 55°C*

*Assessment of carcinogenicity: The substance caused cancer in animal studies. The product has not been tested. The statement has been derived from the properties of the individual components.*
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Reproductive toxicity
Assessment of reproduction toxicity: No applicable information available.

Teratogenicity
Assessment of teratogenicity: The product has not been tested. The statement has been derived from the properties of the individual components.

*Information on: n-butanol*
*Assessment of teratogenicity: Animal studies gave no indication of a developmental toxic effect at doses that were not toxic to the parental animals.*
*The potential to cause toxicity to development cannot be excluded when given in high doses.*

*Information on: 1,2,4-trimethylbenzene*
*Assessment of teratogenicity: No indications of a developmental toxic / teratogenic effect were seen in animal studies. The potential to cause toxicity to development cannot be excluded at maternally toxic doses.*
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### Symptoms of Exposure

The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11.

## 12. Ecological Information

No applicable information available.

## 13. Disposal considerations

**Waste disposal of substance:**
Do not incinerate closed containers. The use and processing of this product, or addition of other constituents, may cause it to be considered a hazardous waste. Do not discharge into drains/surface waters/groundwater.
Incinerate or dispose of in a RCRA-licensed facility. Dispose of in accordance with national, state and local regulations. It is the waste generator's responsibility to determine if a particular waste is hazardous under RCRA.

**Container disposal:**
WARNING: Empty containers may still contain hazardous residue.
Dispose of in accordance with national, state and local regulations.

## 14. Transport Information

**Land transport**
USDOT

| | |
|---|---|
| Hazard class: | 3 |
| Packing group: | III |
| ID number: | UN 1263 |
| Hazard label: | 3 |

Proper shipping name: PAINT RELATED MATERIAL

**Sea transport**
IMDG

| | |
|---|---|
| Hazard class: | 3 |
| Packing group: | III |
| ID number: | UN 1263 |
| Hazard label: | 3 |
| Marine pollutant: | NO |
| Proper shipping name: | PAINT RELATED MATERIAL |

**Air transport**
IATA/ICAO

| | |
|---|---|
| Hazard class: | 3 |
| Packing group: | III |
| ID number: | UN 1263 |
| Hazard label: | 3 |
| Proper shipping name: | PAINT RELATED MATERIAL |

## 15. Regulatory Information

**Federal Regulations**

**Registration status:**
Chemical TSCA, US released / listed

**EPCRA 311/312 (Hazard categories):** Refer to SDS section 2 for GHS hazard classes applicable for this product.

**EPCRA 313:**

| CAS Number | Chemical name |
|---|---|
| 100-41-4 | ethylbenzene |
| 71-36-3 | n-butanol |
| 95-63-6 | 1,2,4-trimethylbenzene |

**State regulations**

| State RTK | CAS Number | Chemical name |
|---|---|---|
| NJ | 71-36-3 | n-butanol |
| | 95-63-6 | 1,2,4-trimethylbenzene |
| | 100-41-4 | ethylbenzene |
| | 110-43-0 | 2-heptanone |
| | 34590-94-8 | dipropylene glycol monomethylether |
| | 64742-82-1 | Naphtha (petroleum), hydrodesulfurized heavy, Flpoint < 55°C |
| PA | 71-36-3 | n-butanol |
| | 95-63-6 | 1,2,4-trimethylbenzene |
| | 110-43-0 | 2-heptanone |
| | 34590-94-8 | dipropylene glycol monomethylether |
| | 64742-82-1 | Naphtha (petroleum), hydrodesulfurized heavy, Flpoint < 55°C |

**Safe Drinking Water & Toxic Enforcement Act, CA Prop. 65:**

**WARNING:** This product can expose you to chemicals including ETHYLBENZENE, which is known to the State of California to cause cancer. For more information, go to www.P65Warnings.ca.gov.

**NFPA Hazard codes:**
Health: 3 Fire: 3 Reactivity: 0 Special:

**HMIS III rating**
Health: 3¤ Flammability: 3 Physical hazard: 0

## 16. Other Information

**SDS Prepared by:**
BASF NA Product Regulations
SDS Prepared on: 2018/12/04

We support worldwide Responsible Care® initiatives. We value the health and safety of our employees, customers, suppliers and neighbors, and the protection of the environment. Our commitment to Responsible Care is integral to conducting our business and operating our facilities in a safe and environmentally responsible fashion, supporting our customers and suppliers in ensuring the safe and environmentally sound handling of our products, and minimizing the impact of our operations on society and the environment during production, storage, transport, use and disposal of our products.


IMPORTANT: WHILE THE DESCRIPTIONS, DESIGNS, DATA AND INFORMATION CONTAINED HEREIN ARE PRESENTED IN GOOD FAITH AND BELIEVED TO BE ACCURATE , IT IS PROVIDED FOR YOUR GUIDANCE ONLY. BECAUSE MANY FACTORS MAY AFFECT PROCESSING OR APPLICATION/USE, WE RECOMMEND THAT YOU MAKE TESTS TO DETERMINE THE SUITABILITY OF A PRODUCT FOR YOUR PARTICULAR PURPOSE PRIOR TO USE. NO WARRANTIES OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, ARE MADE REGARDING PRODUCTS DESCRIBED OR DESIGNS, DATA OR INFORMATION SET FORTH, OR THAT THE PRODUCTS, DESIGNS, DATA OR INFORMATION MAY BE USED WITHOUT INFRINGING THE INTELLECTUAL PROPERTY RIGHTS OF OTHERS. IN NO CASE SHALL THE DESCRIPTIONS, INFORMATION, DATA OR DESIGNS PROVIDED BE CONSIDERED A PART OF OUR TERMS AND CONDITIONS OF SALE. FURTHER, YOU EXPRESSLY UNDERSTAND AND AGREE THAT THE DESCRIPTIONS, DESIGNS, DATA, AND INFORMATION FURNISHED BY OUR COMPANY HEREUNDER ARE GIVEN GRATIS AND WE ASSUME NO OBLIGATION OR LIABILITY FOR THE DESCRIPTION, DESIGNS, DATA AND INFORMATION GIVEN OR RESULTS OBTAINED, ALL SUCH BEING GIVEN AND ACCEPTED AT YOUR RISK.
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