

Safety Data Sheet (SDS)

OSHA Hazard Communication Standard 29 CFR 1910.1200. Prepared to GHS
Rev03.

Printing date 4/26/2022

Reviewed on 04/26/2022

1 Product and Company Identification

- **Product Identifier** GRAPHENESP
- **Trade name:** SRD20 Graphene Spray Protectant

- **Relevant identified uses of the substance or mixture and uses advised against**
- **Product description: (Liquid) Water / Wax, Emulsion**

- **Details of the supplier of the SDS**

- **Manufacturer/Supplier:**

SRD20 LLC

4400 Ambassador Caffrey Pkwy Ste A #177

Lafayette LA 70508

P: (337) 347-5675

E: info@srd20.com

Emergency telephone number: InfoTrac (24 hr.) 1-800-535-5053 / +1-352-323-3500 (outside USA)

2 Hazard(s) Identification

- **Classification of the substance or mixture**

- **Labeled Elements**
- **GHS label elements**

The product is classified and labeled according to the Globally Harmonized System (GHS).



GHS07

- **Signal Word Warning**
- **Hazard statements**
 - H302 Harmful if swallowed.
 - H315 Causes skin irritation
 - H319 Causes eye irritation
- **Precautionary statements**
 - Precautionary statements

P101	If medical advice is needed, have product container or label at hand.
P102	Keep out of reach of children.
P103	Read label before use.
P210	Keep away from heat/sparks/open flames/hot surfaces - No smoking.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present. Continue rinsing.
P321	Specific treatment (see on this label).
P362	Take off contaminated clothing and wash before reuse.
P501	Dispose of contents/container in accordance with local/regional/national/international regulations.

Safety Data Sheet (SDS)

OSHA Hazard Communication Standard 29 CFR 1910.1200. Prepared to GHS
Rev03.

Printing date 4/26/2022

Reviewed on 04/26/2022

- **Trade name:** SRD20 Graphene Spray Protectant
- **Classification system:** NFPA/HMIS Definitions: 0-Least, 1-Slight, 2-Moderate, 3-High, 4-Extreme
- **NFPA ratings (scale 0 - 4)**



Health = 1
Fire = 0
Reactivity = 0

- **HMIS ratings (scale 0 - 4)**

HEALTH	<input type="checkbox"/>	Health = 1
FLAMMABILITY	<input type="checkbox"/>	Fire = 0
REACTIVITY	<input type="checkbox"/>	Reactivity = 0
PERSONAL PROTECTION	<input type="checkbox"/>	G

- **Other hazards:** Possibility of Hazardous reactions: Will not occur
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

3 Composition/information on Ingredients

- | | | |
|--|-----|-------|
| • Proprietary Blends (Wax, Emulsion Mixtures) | | 5-30% |
| • Distilled water, Deionized water | | >75% |
| • Chemical characterization: Mixtures | N/A | |
| • Description: | | |
| • Dangerous Components | N/A | |

4 First Aid Measures

- **Description of first aid measures**
- **General information:**
- **Swallowing: Immediately call a doctor.**
Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after intake.
- **DO NOT INHALE: If inhalation:** In case of unconsciousness, place patient stably on side position for transportation.
- **Skin contact:** Immediately wash with water and soap and rinse thoroughly.
- **Eye contact:** Rinse opened eye for several minutes under running water.
If symptoms persist, consult a doctor.
- **Most important symptoms and effects, both acute and delayed:** No further relevant information available.
- **Indication of any immediate medical attention and special treatment needed.**
No further relevant information available.

5 Fire-fighting measures

- **Extinguishing media**
- **Suitable extinguishing agents:**
CO₂, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

Safety Data Sheet (SDS)

OSHA Hazard Communication Standard 29 CFR 1910.1200. Prepared to GHS
Rev03.

Printing date 4/26/2022

Reviewed on 04/26/2022

- **Trade name:** SRD20 Graphene Spray Protectant
- **Special hazards arising from the substance or mixture:** No further relevant information available.
- **Advice for firefighters**
- **Protective equipment:** Gloves

6 Accidental Release Measures

- **Personal precautions, protective equipment and emergency procedures:**
- **Environmental precautions:**
Dilute with plenty of water.
Do not allow to enter sewers / surface or ground water.
- **Methods and material for containment and cleaning up:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Dispose contaminated material as waste according to item 13.
Ensure adequate ventilation.
- **Reference to other sections:**
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

7 Handling and Storage

- **Precautions for safe handling:**
Ensure good ventilation/exhaustion at the workplace. DO NOT INHALE.
Prevent formation of aerosols.
- **Information about protection against explosions and fires:** Protect from heat.
- **Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** Dry. Secure
- **Information about storage in one common storage facility:** Not required
- **Further information about storage conditions:**
Keep receptacle tightly sealed.
Protect from heat and direct sunlight.
- **Specific end use(s):** No further relevant information available

8 Exposure Controls/Personal Protection

- **Additional information about design of technical systems:** No further data; see item 7.
- **Control parameters**
- **Components with limit values that require monitoring at the workplace:**
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
- **Additional information:** The lists that were valid during the creation were used as basis.
- **Exposure controls**
- **Personal protective equipment:**
- **General protective and hygienic measures:**
Do not eat, drink or smoke while using.
Immediately remove all soiled and contaminated clothing.
Wash hands before breaks and at the end of work.
Avoid contact with the eyes and skin.

Safety Data Sheet (SDS)

OSHA Hazard Communication Standard 29 CFR 1910.1200. Prepared to GHS
Rev03.

Printing date 4/26/2022

Reviewed on 04/26/2022

- **Trade name: SRD20 Graphene Spray Protectant**

- **Breathing equipment:**

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air.

- **Protection of hands:**



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation.

- **Material of gloves**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

- **Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

- **Eye protection:**



Tightly sealed goggles

9 Physical and Chemical Properties

- **Information on basic physical and chemical properties**

- **General Information**

- **Appearance:**

Form: N/A

Color: Grey, Black

- **Odor:** Bland

- **Odour threshold:** Not determined

- **pH-value:** < 8 Neutral

- **Change in condition**

Melting point/Melting range: ~32 F (0 C)

Boiling point/Boiling range: < 100 °C (< 212 °F)

- **Flash point:** N/A

- **Flammability (solid, gaseous):** 0

- **Ignition temperature:**

Decomposition temperature: Not determined.

- **Auto igniting:** Product is not self igniting.

- **Danger of explosion:**

- **Explosion limits:**

Lower N/A

Upper: N/A

Safety Data Sheet (SDS)

OSHA Hazard Communication Standard 29 CFR 1910.1200. Prepared to GHS
Rev03.

Printing date 4/26/2022

Reviewed on 04/26/2022

- **Trade name: SRD20 Graphene Spray Protectant**
- **Vapor pressure:** Not Determined
- **Density:** 8.34 Lb.
- **Relative density** Not determined.
- **Vapour density** Not determined.
- **Evaporation rate** Not determined.
- **Solubility in / Miscibility with Water:** Fully miscible.
- **Partition coefficient (n-octanol/water):** Not determined
- **Viscosity:**
 - Dynamic:** Not determined.
 - Kinematic:** Not determined.
- **Solvent content: Organic/Inorganic solvents:** 0.0%
 - Water:** >75.0%
 - VOC content:** 4.0%
- **Other information** No further relevant information available

10 Stability and Reactivity

- **Reactivity**
- **Chemical stability - Stable**
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **Possibility of hazardous reactions:** No dangerous reactions known.
- **Conditions to avoid:** No further relevant information available.
- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:** No dangerous decomposition products known.

11 Toxicological Information

- **Information on toxicological effects**
- **Acute toxicity:**
- **Primary irritant effect:**
 - **on the skin:** Irritant to skin and mucous membranes.
 - **on the eye:** Irritating effect.
- **Sensitization:** No sensitizing effects known.
- **Additional toxicological information:**

The product shows the following dangers according to internally approved calculation methods for preparations:

Harmful
Irritant
- **Carcinogenic categories**
- **IARC (International Agency for Research on Cancer)**
 - None of the ingredients is listed.
- **NTP (National Toxicology Program)**
 - None of the ingredients is listed.

Safety Data Sheet (SDS)

OSHA Hazard Communication Standard 29 CFR 1910.1200. Prepared to GHS
Rev03.

Printing date 4/26/2022

Reviewed on 04/26/2022

- **Trade name: SRD20 Graphene Spray Protectant**

12 Ecological Information

- **Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **Persistence and biodegradability:** No further relevant information available.
- **Bio-accumulative potential:** No further relevant information available.
- **Mobility in soil:** No further relevant information available.
- **Additional ecological information:**
- **General notes:**
Water hazard class 2 (Self-assessment): hazardous for water
Do not allow product to reach ground water, water course or sewage system.
Danger to drinking water
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **Other adverse effects:** No further relevant information available.

13 Disposal Considerations

- **Waste treatment methods**
- **Recommendation:**
Must not be disposed of together with household garbage. Do not allow product to reach sewage system.
- **Uncleaned packagings:**
- **Recommendation:** Disposal must be made according to official regulations.
- **Recommended cleansing agent:** Water, if necessary with cleansing agents.

14 Transport Information

- | | |
|---|-----------------|
| • UN-Number | Not Regulated |
| • DOT, ADR, IMDG, IATA | None |
| • UN proper shipping name | Void |
| • DOT, ADR, IMDG, IATA | |
| • Transport Hazard Class(es) | 70 |
| • Packing group | |
| • <u>Environmental hazards:</u> | N/A |
| • Marine pollutant | Void |
| • Special precautions for user | |
| • Transport in bulk according to Annex II of | |
| • MARPOL73/78 and the IBC Code | No |
| • UN "Model Regulation": | Not applicable. |

Safety Data Sheet (SDS)

OSHA Hazard Communication Standard 29 CFR 1910.1200. Prepared to GHS
Rev03.

Printing date 4/26/2022

Reviewed on 04/26/2022

- **Trade name: SRD20 Graphene Spray Protectant**

15 Regulatory Information

- **Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **Sara**
- **Section 355 (extremely hazardous substances):**
None of the ingredients is listed.
- **Section 313 (Specific toxic chemical listings):**
None of the ingredients is listed.
- **TSCA (Toxic Substances Control Act):**
water, distilled water, deionized water
- **Proposition 65**
- **Chemicals known to cause cancer:**
P65Warnings: Cancer and Reproductive Harm
www.P65warnings.ca.gov
- **Chemicals known to cause developmental toxicity:**
None of the ingredients is listed.
- **Carcinogenic categories**
- **EPA (Environmental Protection Agency)**
None of the ingredients is listed.
- **TLV (Threshold Limit Value established by ACGIH)**
None of the ingredients is listed.
- **NIOSH-Ca (National Institute for Occupational Safety and Health)**
None of the ingredients is listed.
- **OSHA-Ca (Occupational Safety & Health Administration)**
None of the ingredients is listed.
- **GHS label elements**
The product is classified and labeled according to the Globally Harmonized System (GHS).



GHS07

- **Signal word** Warning
- **Hazard statements**
- H302 Harmful if swallowed
- H315 Causes skin irritation
- H319 Causes eye irritation

Safety Data Sheet (SDS)

OSHA Hazard Communication Standard 29 CFR 1910.1200. Prepared to GHS
Rev03.

Printing date 4/26/2022

Reviewed on 04/26/2022

· **Trade name: SRD20 Graphene Spray Protectant**

· **Precautionary statements**

P101	If medical advice is needed, have product container or label at hand.
P102	Keep out of reach of children.
P103	Read label before use.
P210	Keep away from heat/sparks/open flames/hot surfaces.-No smoking.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P305+P351+338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present. Continue rinsing.
P321	Specific treatment (see on this label).
P362	Take off contaminated clothing and wash before reuse.
P501	Dispose of contents/container in accordance with local/regional/national/international regulations.

· **Chemical safety assessment:** A chemical Safety Assessment has not been carried out.

16 Other Information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

While this mixture of materials is not classified as hazardous under OSHA regulations, this MSDS contains vital information critical to the safe handling and proper use of the product. This MSDS is retained and available for employees and other end-users of this product.

· **Abbreviations and acronyms:**

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
 IMDG: International Maritime Code for Dangerous Goods
 DOT: US Department of Transportation
 IATA: International Air Transport Association
 ACGIH: American Conference of Governmental Industrial Hygienists
 NFPA: National Fire Protection Association (USA)
 HMIS: Hazardous Materials Identification System (USA)
 VOC: Volatile Organic Compounds (USA, EU)