# SAFETY DATA SHEET

(REACH regulation (EC) n° 1907/2006 - n° 2020/878)

## SECTION 1 : IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

**1.1. Product identifier**

Product name : KATANA OFF-ROAD 10W-40
Product code : katana-off-road-10w-40

**1.2. Relevant identified uses of the substance or mixture and uses advised against**

4-stroke engine lubricant

**1.3. Details of the supplier of the safety data sheet**

Registered company name : IPONE
Address : La Meuni 13480 CABRIES FR
Telephone : +33 (0)4 42 94 05 65. Fax: +33 (0)4 42 94 05 66. Telex: .
info@ipone.fr

**1.4. Emergency telephone number : www.centres-antipoison.net/index.**

Association/Organisation : Centre Anti Poison de NANCY.

**Other emergency numbers**

To be translated (XML)
Ireland : +353 1 8092566
UNITED STATES: 001 866 928 0789 / CANADA: 001 800 579 7421 / MEXICO : +52 55 5004 8763 / MIDDLE EAST - AFRICA : +44 1235 239671
24 hours a day, 7 days a week

## SECTION 2 : HAZARDS IDENTIFICATION

**2.1. Classification of the substance or mixture**

**In compliance with EC regulation No. 1272/2008 and its amendments.**

The mixture is not classified as hazardous.

**2.2. Label elements**

**In compliance with EC regulation No. 1272/2008 and its amendments.**

No labelling requirements for this mixture.

**2.3. Other hazards**

The mixture does not contain substances classified as 'Substances of Very High Concern' (SVHC) >= 0.1% published by the European CHemicals Agency (ECHA) under article 59 of REACH: http://echa.europa.eu/fr/candidate-list-table
The mixture fulfils neither the PBT nor the vPvB criteria for mixtures in accordance with annexe XIII of the REACH regulations EC 1907/2006.
The mixture does not contain substances> = 0.1% with endocrine disrupting properties in accordance with the criteria of the Delegated Regulation (EU) 2017/2100 of the Commission or Regulation (EU) 2018/605 of the Commission.

## SECTION 3 : COMPOSITION/INFORMATION ON INGREDIENTS

**3.2. Mixtures**

**Composition :**

| Identification | Classification (EC) 1272/2008 | Note | % |
|---|---|---|---|
| CAS: 72623-87-1<br>EC: 276-738-4<br>REACH: 01-2119474889-13<br><br>LUBRICATING OILS (PETROLEUM), C20-50, HYDROTREATED NEUTRAL OIL-BASED | | L | 50 <= x % < 100 |
| CAS: 157707-86-3<br>EC: 500-393-3<br>REACH: 01-2119493949-12-0000<br><br>DEC-1-ENE, TRIMERS, HYDROGENATED | GHS08<br>Dgr<br>Asp. Tox. 1, H304 | | 10 <= x % < 25 |
| CAS: 72623-87-1<br>EC: 276-738-4 | | L | 10 <= x % < 25 |

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| | | | |
|---|---|---|---|
| REACH: 01-2119474889-13<br><br>LUBRICATING OILS (PETROLEUM), C20-50, HYDROTREATED NEUTRAL OIL-BASED | | | |
| CAS: 64742-54-7<br>EC: 265-157-1<br>REACH: 01-2119484627-25<br><br>DISTILLATES (PETROLEUM), HYDROTREATED HEAVY PARAFFINIC | | L | 1 <= x % < 2.5 |
| EC: 701-385-4<br>REACH: 01-2119488911-28<br><br>REACTION PRODUCTS OF DIPHENYLAMINE WITH NONENE, BRANCHED | GHS08<br>Wng<br>Repr. 2, H361f | [ii] | 1 <= x % < 2.5 |
| CAS: 80-62-6<br>EC: 201-297-1<br>REACH: 01-2119452498-28<br><br>METHYL METHACRYLATE | GHS07, GHS02<br>Dgr<br>Flam. Liq. 2, H225<br>Skin Irrit. 2, H315<br>Skin Sens. 1B, H317<br>STOT SE 3, H335 | D<br>[i] | 0 <= x % < 1 |

**Specific concentration limits:**

| Identification | Specific concentration limits | ATE |
|---|---|---|
| CAS: 80-62-6<br>EC: 201-297-1<br>REACH: 01-2119452498-28<br><br>METHYL METHACRYLATE | | inhalation: ATE = 29.8 mg/l 4h (dust/mist) |

**Information on ingredients :**

(Full text of H-phrases: see section 16)
[i] Substance for which maximum workplace exposure limits are available.
[ii] Carcinogenic, mutagenic or reprotoxic (CMR) substance.
Note L: The carcinogen classification does not apply because the substance contains less than 3 % w/w of dimethyl sulphoxide (DMSO) measured using the IP 346 method.

## SECTION 4 : FIRST AID MEASURES

As a general rule, in case of doubt or if symptoms persist, always call a doctor.
NEVER induce swallowing by an unconscious person.

**4.1. description of first aid measures**

**In the event of exposure by inhalation :**

Remove the victim to fresh air. If the symptoms persist, call a physician.

**In the event of splashes or contact with eyes :**

Wash immediately and abundantly with water, including under the eyelids.

**In the event of splashes or contact with skin :**

Immediately remove all soiled clothing.
Wash immediately and abundantly with soap and water.

**In the event of swallowing :**

Seek medical attention, showing the label.

**4.2. Most important symptoms and effects, both acute and delayed**

No data available.

**4.3. Indication of any immediate medical attention and special treatment needed**

No data available.

## SECTION 5 : FIREFIGHTING MEASURES

Non-flammable.

**5.1. Extinguishing media**

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**Suitable methods of extinction**

Dry agent, foam, carbon dioxide.

**Unsuitable methods of extinction**

High volume water jet

**5.2. Special hazards arising from the substance or mixture**

A fire will often produce a thick black smoke. Exposure to decomposition products may be hazardous to health.
Do not breathe in smoke.

**5.3. Advice for firefighters**

No data available.

## SECTION 6 : ACCIDENTAL RELEASE MEASURES

**6.1. Personal precautions, protective equipment and emergency procedures**

Consult the safety measures listed under headings 7 and 8.
Spilled product may make surfaces slippery.

**For first aid worker**

First aid workers will be equipped with suitable personal protective equipment (See section 8).

**6.2. Environmental precautions**

Contain and control the leaks or spills with non-combustible absorbent materials such as sand, earth, vermiculite, diatomaceous earth in drums for waste disposal.
Prevent any material from entering drains or waterways.

**6.3. Methods and material for containment and cleaning up**

Clean preferably with a detergent, do not use solvents.

**6.4. Reference to other sections**

No data available.

## SECTION 7 : HANDLING AND STORAGE

Requirements relating to storage premises apply to all facilities where the mixture is handled.

**7.1. Precautions for safe handling**

Always wash hands after handling.
To be translated (XML)
No special precaution apart from the observance of hygiene rules

**Fire prevention :**

Prevent access by unauthorised personnel.
Take precautionary measures against static discharges by bonding and grounding equipment.
No smoking.

**Recommended equipment and procedures :**

For personal protection, see section 8.
Observe precautions stated on label and also industrial safety regulations.
Ensure good ventilation at the workplace

**Prohibited equipment and procedures :**

No smoking, eating or drinking in areas where the mixture is used.
Do not breathe fumes, vapour, spray.

**7.2. Conditions for safe storage, including any incompatibilities**

Store between 5°C and 40°C in a dry, well ventilated place.
Only use hydrocarbon-resistant containers, joints and pipes.

**Storage**

Keep out of reach of children.

**Packaging**

Always keep in packaging made of an identical material to the original.

**7.3. Specific end use(s)**

No data available.

## SECTION 8 : EXPOSURE CONTROLS/PERSONAL PROTECTION

**8.1. Control parameters**

**Occupational exposure limits :**

- European Union :

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| CAS | VME-mg/m3 : | VME-ppm : | VLE-mg/m3 : | VLE-ppm : | Notes : |
|---|---|---|---|---|---|
| 80-62-6<br>METHYL METHACRYLATE | - | 50 | - | 100 | - |

- UK :

| CAS | TWA : | STEL : | Ceiling : | Definition : | Criteria : |
|---|---|---|---|---|---|
| 80-62-6<br>METHYL METHACRYLATE | 50 ppm<br>208 mg/m3 | 100 ppm<br>416 mg/m3 | - | - | - |

**8.2. Exposure controls**

**Appropriate engineering controls**

Ensure adequate ventilation, if possible with extractor fans at work posts and appropriate general extraction.
Personnel shall wear regularly laundered overalls.

**Personal protection measures, such as personal protective equipment**

Use personal protective equipment that is clean and has been properly maintained.
Store personal protective equipment in a clean place, away from the work area.
Never eat, drink or smoke during use. Remove and wash contaminated clothing before re-using. Ensure that there is adequate ventilation, especially in confined areas.

**- Eye / face protection**

Avoid contact with eyes.
Use eye protectors designed to protect against liquid splashes
Before handling, wear safety goggles in accordance with standard ISO 16321.

**- Hand protection**

Wear suitable protective gloves in the event of prolonged or repeated skin contact.
Type of gloves recommended :

| | | | | | |
|---|---|---|---|---|---|
| Glove thickness: | 0.38 mm | - | - | - | - |
| Break-through time: | > 480 mn | - | - | - | - |

**- Body protection**

Work clothing worn by personnel shall be laundered regularly.
After contact with the product, all parts of the body that have been soiled must be washed.

**- Respiratory protection**

Breathing apparatus only when aerosol or spray are formed.

## SECTION 9 : PHYSICAL AND CHEMICAL PROPERTIES

**9.1. Information on basic physical and chemical properties**

**Physical state**

| | |
|---|---|
| Physical state : | Fluid liquid. |

**Colour**

Unspecified

**Odour**

| | |
|---|---|
| Odour threshold : | Not stated. |

**Melting point**

| | |
|---|---|
| Melting point/melting range : | Not relevant. |

**Freezing point**

| | |
|---|---|
| Freezing point / Freezing range : | Not stated. |

**Boiling point or initial boiling point and boiling range**

| | |
|---|---|
| Boiling point/boiling range : | Not relevant. |

**Flammability**

| | |
|---|---|
| Flammability (solid, gas) : | Not stated. |

**Lower and upper explosion limit**

| | |
|---|---|
| Explosive properties, lower explosivity limit (%) : | Not stated. |
| Explosive properties, upper explosivity limit (%) : | Not stated. |

**Flash point**

| | |
|---|---|
| Flash Point : | 252.00 °C. |

**Auto-ignition temperature**

| | |
|---|---|
| Self-ignition temperature : | Not relevant. |

**Decomposition temperature**

| | |
|---|---|
| Decomposition point/decomposition range : | Not relevant. |

**pH**

| | |
|---|---|
| pH (aqueous solution) : | Not stated. |

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| | |
|---|---|
| pH : | Not relevant. |

**Kinematic viscosity**

| | |
|---|---|
| Viscosity : | 86,01 mm2/s à 40°C |

**Solubility**

| | |
|---|---|
| Water solubility : | Insoluble. |
| Fat solubility : | Not stated. |

**Partition coefficient n-octanol/water (log value)**

| | |
|---|---|
| Partition coefficient: n-octanol/water : | Not stated. |

**Vapour pressure**

| | |
|---|---|
| Vapour pressure (50°C) : | Not relevant. |

**Density and/or relative density**

| | |
|---|---|
| Density : | < 1 |

**Relative vapour density**

| | |
|---|---|
| Vapour density : | Not stated. |

**Particle characteristics**

The mixture does not contain nanoforms.

**9.2. Other information**

No data available.

**9.2.1. Information with regard to physical hazard classes**

No data available.

**9.2.2. Other safety characteristics**

No data available.

## SECTION 10 : STABILITY AND REACTIVITY

**10.1. Reactivity**

No data available.

**10.2. Chemical stability**

This mixture is stable under the recommended handling and storage conditions in section 7.

**10.3. Possibility of hazardous reactions**

No data available.

**10.4. Conditions to avoid**

Keep away from heat and from sources of ignition
Take precautionary measures against static discharges.

**10.5. Incompatible materials**

Strong oxidants
Acids

**10.6. Hazardous decomposition products**

No data available.

## SECTION 11 : TOXICOLOGICAL INFORMATION

**11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008**

**11.1.1. Substances**

**a) Acute toxicity :**

METHYL METHACRYLATE (CAS: 80-62-6)

| | |
|---|---|
| Oral route : | LD50 > 5000 mg/kg<br>Species : Rat |
| Dermal route : | LD50 > 5000 mg/kg<br>Species : Rabbit |
| Inhalation route (Dusts/mist) : | LC50 = 29.8 mg/l<br>Species : Rat<br>Duration of exposure : 4 h |

DISTILLATES (PETROLEUM), HYDROTREATED HEAVY PARAFFINIC (CAS: 64742-54-7)

| | |
|---|---|
| Oral route : | LD50 > 5000 mg/kg<br>Species : Rat |

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| | |
|---|---|
| Dermal route : | LD50 > 5000 mg/kg<br>Species : Rabbit |
| Inhalation route (Dusts/mist) : | LC50 <= 5 mg/l |

DEC-1-ENE, TRIMERS, HYDROGENATED (CAS: 157707-86-3)

| | |
|---|---|
| Oral route : | LD50 > 2000 mg/kg body weight<br>Species : Rat |

**b) Skin corrosion/skin irritation :**

No data available.

**c) Serious damage to eyes/eye irritation :**

No data available.

**d) Respiratory or skin sensitisation :**

No data available.

**e) Germ cell mutagenicity :**

No data available.

**f) Carcinogenicity :**

No data available.

**g) Reproductive toxicant :**

No data available.

**h) Specific target organ systemic toxicity - single exposure :**

No data available.

**i) Specific target organ systemic toxicity - repeated exposure :**

No data available.

**j) Aspiration hazard :**

No data available.

**11.1.2. Mixture**

**11.1.2.1 Information on hazard classes**

**a) Acute toxicity :**

| | |
|---|---|
| Oral route : | No data available. |
| Dermal route : | No data available. |
| Inhalation route (Dusts/mist) : | No data available. |

**b) Skin corrosion/skin irritation :**

Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin resulting in non allergic contact dermatitis and absorption through the skin.

**c) Serious damage to eyes/eye irritation :**

Mild eye irritation

**d) Respiratory or skin sensitisation :**

No data available.

**e) Germ cell mutagenicity :**

No data available.

**f) Carcinogenicity :**

No data available.

**g) Reproductive toxicant :**

No data available.

**h) Specific target organ systemic toxicity - single exposure :**

No data available.

**i) Specific target organ systemic toxicity - repeated exposure :**

No data available.

**j) Aspiration hazard :**

"Inhalation of vapours may cause irritation of the respiratory system in very susceptible persons."
May cause lung damage if swallowed

**11.1.2.2 Other information**

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**Monograph(s) from the IARC (International Agency for Research on Cancer) :**

CAS 80-62-6 : IARC Group 3 : The agent is not classifiable as to its carcinogenicity to humans.

**11.2. Information on other hazards**

**Endocrine disrupting properties**

The mixture does not contain any substance evaluated as an endocrine disruptor with effects on human health.

## SECTION 12 : ECOLOGICAL INFORMATION

**12.1. Toxicity**

**12.1.1. Substances**

DISTILLATES (PETROLEUM), HYDROTREATED HEAVY PARAFFINIC (CAS: 64742-54-7)

| | |
|---|---|
| Fish toxicity : | LC50 > 100 mg/l<br>Species : Pimephales promelas<br>Duration of exposure : 96 h<br>OCDE Ligne directrice 203 (Poisson, essai de toxicité aiguë) |
| Crustacean toxicity : | EC50 > 1000 mg/l<br>Species : Daphnia magna<br>Duration of exposure : 48 h<br>OCDE Ligne directrice 202 (Daphnia sp., essai d'immobilisation immédiate) |
| | NOEC = 10 mg/l<br>Species : Daphnia magna<br>Duration of exposure : 21 jours<br>OCDE Ligne directrice 211 (Daphnia magna, essai de reproduction) |
| Algae toxicity : | ECr50 > 100 mg/l<br>Species : Pseudokirchnerella subcapitata<br>Duration of exposure : 72 h<br>OCDE Ligne directrice 201 (Algues, Essai d'inhibition de la croissance) |
| | NOEC = 100 mg/l<br>Species : Pseudokirchnerella subcapitata<br>Duration of exposure : 72 h<br>OCDE Ligne directrice 201 (Algues, Essai d'inhibition de la croissance) |

LUBRICATING OILS (PETROLEUM), C20-50, HYDROTREATED NEUTRAL OIL-BASED (CAS: 72623-87-1)

| | |
|---|---|
| Fish toxicity : | LC50 > 100 mg/l<br>Duration of exposure : 96 h<br>OCDE Ligne directrice 203 (Poisson, essai de toxicité aiguë) |
| Crustacean toxicity : | EC50 > 10000 mg/l<br>Duration of exposure : 48 h<br>OCDE Ligne directrice 202 (Daphnia sp., essai d'immobilisation immédiate) |
| | NOEC = 10 mg/l<br>Duration of exposure : 21 jours<br>OCDE Ligne directrice 211 (Daphnia magna, essai de reproduction) |
| Algae toxicity : | ECr50 >= 100 mg/l<br>Duration of exposure : 72 h<br>OCDE Ligne directrice 201 (Algues, Essai d'inhibition de la croissance) |

DEC-1-ENE, TRIMERS, HYDROGENATED (CAS: 157707-86-3)

| | |
|---|---|
| Fish toxicity : | LC50 > 1000 mg/l<br>Duration of exposure : 96 h |
| Crustacean toxicity : | EC50 > 1000 mg/l<br>Species : Daphnia magna<br>Duration of exposure : 48 h |
| | NOEC = 125 mg/l |

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Species : Daphnia magna
Duration of exposure : 21 jours

Algae toxicity : NOEC = 100 mg/l
Duration of exposure : 72 h

Aquatic plant toxicity : ECr50 = 1000 mg/l
Duration of exposure : 72 h

**12.1.2. Mixtures**

No aquatic toxicity data available for the mixture.

**12.2. Persistence and degradability**

**12.2.1. Substances**

DISTILLATES (PETROLEUM), HYDROTREATED HEAVY PARAFFINIC (CAS: 64742-54-7)
Biodegradability : no degradability data is available, the substance is considered as not degrading quickly.

LUBRICATING OILS (PETROLEUM), C20-50, HYDROTREATED NEUTRAL OIL-BASED (CAS: 72623-87-1)
Biodegradability : Non-rapidly degradable.

DEC-1-ENE, TRIMERS, HYDROGENATED (CAS: 157707-86-3)
Biodegradability : Non-rapidly degradable.

**12.3. Bioaccumulative potential**

**12.3.1. Substances**

DEC-1-ENE, TRIMERS, HYDROGENATED (CAS: 157707-86-3)
Octanol/water partition coefficient : Log Kow > 10

**12.4. Mobility in soil**

The product is insoluble in water and will spread on the surface
Mobile in soil

**12.5. Results of PBT and vPvB assessment**

No data available.

**12.6. Endocrine disrupting properties**

The mixture does not contain any substance evaluated as an endocrine disruptor with environmental effects.

**12.7. Other adverse effects**

Do not dispose of the product in the natural environment, effluents or surface waters.

## SECTION 13 : DISPOSAL CONSIDERATIONS

Proper waste management of the mixture and/or its container must be determined in accordance with Directive 2008/98/EC.

**13.1. Waste treatment methods**

Do not pour into drains or waterways.

**Waste :**

Waste management is carried out without endangering human health, without harming the environment and, in particular without risk to water, air, soil, plants or animals.
Recycle or dispose of waste in compliance with current legislation, via a certified collector or company.
Do not contaminate the ground or water with waste, do not dispose of waste into the environment.

**Soiled packaging :**

Empty container completely. Keep label(s) on container.
Give to a certified disposal contractor.

## SECTION 14 : TRANSPORT INFORMATION

Exempt from transport classification and labelling.

**14.1. UN number or ID number**

-

**14.2. UN proper shipping name**

-

**14.3. Transport hazard class(es)**

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-

**14.4. Packing group**

-

**14.5. Environmental hazards**

-

**14.6. Special precautions for user**

-

**14.7. Maritime transport in bulk according to IMO instruments**

-

## SECTION 15 : REGULATORY INFORMATION

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

**Classification and labelling information included in section 2:**

The following regulations have been used:
- EU Regulation No. 1272/2008 amended by EU Regulation No. 2023/707.
- EU Regulation No. 1272/2008 amended by EU Regulation No. 2025/1222. (ATP 23)

**Container information:**

No data available.

**Particular provisions :**

No data available.

**Restrictions applied under Title VIII of Regulation (EC) No. 1907/2006 (REACH):**

The mixture does not contain any substance restricted under Annex XVII of Regulation (EC) No. 1907/2006 (REACH): https://echa.europa.eu/substances-restricted-under-reach.

**Authorisations agreed under Title VII of Regulation (EC) No.1907/2006 (REACH):**

The mixture does not contain any substance subject to authorisation according to Annex XIV of REACH Regulation (EC) No 1907/2006: https://echa.europa.eu/fr/authorisation-list.

**Ozone-depleting substances (Regulation (EC) No 2024/590).**

The mixture does not contain any substance posing a risk to the ozone layer.

**Persistent organic pollutants (POP) (Regulation (EU) 2019/1021):**

The mixture does not contain a persistent organic pollutant.

**PIC Regulation (EU) No 649/2012 concerning the export and import of hazardous chemicals (Rotterdam Convention):**

The mixture is not subject to the Prior Informed Consent (PIC) procedure.

**Explosives precursors :**

The mixture does not contain any substance subject to Regulation (EU) 2019/1148 on the marketing and use of explosives precursors.

**15.2. Chemical safety assessment**

Product is not classified health and environmental hazard. Exposure scenarios are not required.

## SECTION 16 : OTHER INFORMATION

To be translated (XML)

**Wording of the phrases mentioned in section 3 :**

| | |
|---|---|
| H225 | Highly flammable liquid and vapour. |
| H304 | May be fatal if swallowed and enters airways. |
| H315 | Causes skin irritation. |
| H317 | May cause an allergic skin reaction. |
| H335 | May cause respiratory irritation. |
| H361f | Suspected of damaging fertility. |

**Abbreviations and acronyms :**

LD50 : The dose of a test substance resulting in 50% lethality in a given time period.
LC50 : The concentration of a test substance resulting in 50% lethality in a given period.
EC50 : The effective concentration of substance that causes 50% of the maximum response.
ECr50 : The effective concentration of substance that causes 50% reduction in growth rate.
NOEC : The concentration with no observed effect.
REACH : Registration, Evaluation, Authorization and Restriction of Chemical Substances.
ATE : Acute Toxicity Estimate
CMR: Carcinogenic, mutagenic or reprotoxic.
STEL : Short-term exposure limit
TWA : Time-Weighted Average

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VLE : Threshold Limit Value (exposure)
VME : Average Exposure Value.
ADR : Agreement concerning the international carriage of dangerous goods by road.
IATA : International Air Transport Association.
IMDG : International Maritime Dangerous Goods.
ICAO : International Civil Aviation Organisation
PBT: Persistent, bioaccumulable and toxic.
PIC: Prior Informed Consent.
POP: Persistent Organic Pollutant.
RID : Regulations concerning the International carriage of Dangerous goods by rail.
SVHC : Substances of very high concern.
WGK : Water Hazard Class.

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The information contained in this safety data sheet is based on our current knowledge at the time of publication and is provided in good faith. It does not constitute any guarantee of specific product properties nor establish any contractual relationship. The user remains solely responsible for safe and compliant use of the product in accordance with current regulations.

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