ERGONE

SAFETY DATA SHEET

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Trade name or HyGold MVI 750

designation of the mixture

Registration number 01-2119467170-45

Synonyms None.

Issue date 14-June-2019

Version number 01

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

Identified uses Metalworking Fluids, Industrial Lubricants, Grease Manufacturing, Hydraulic Oils, Gear Oils, Heavy

Duty Engine Oil, Bar & Chain, Carriers & Diluents, Engine Oil.

Uses advised against None known.

1.3. Details of the supplier of the safety data sheet

MANUFACTURER: Ergon, Inc.

P.O. Box 1639

Jackson, MS 39181 USA

EU Contact: Ergon International, Inc.

Drève Richelle 161 Building C B-1410 Waterloo, Belgium

Emergency Phone

Numbers:

US Customer Service: + 1-800-222-7122

Chemtrec: + 1-800-424-9300 After Business Hours (North America)

+ 1-703-527.-3887 (International)

See Section 15 for additional CHEMTREC Hotline Numbers

E-mail: sds@ergon.com

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 as amended

This mixture does not meet the criteria for classification according to Regulation (EC) 1272/2008 as amended

Health hazards

Aspiration hazard Not classified

Hazard summary Not available.

2.2. Label elements

Label according to Regulation (EC) No. 1272/2008 as amended

Hazard pictograms None.

Signal wordNot applicable.Hazard statementsNot applicable.

Precautionary statements

PreventionNot available.ResponseNot applicable.StorageNot applicable.DisposalNot applicable.

Supplemental label

information

None.

2.3. Other hazards None known.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

General information

Chemical name	%	CAS-No. / EC No.	REACH Registration No.	Index No.	Notes
Distillates (petroleum), hyc heavy naphthenic	drotreated 100	64742-52-5 265-155-0	01-2119467170-45	649-465-00-7	
Classification:	Carc. 1B;H350				L

SECTION 4: First aid measures

General information Contact physician if discomfort continues.

4.1. Description of first aid measures

Inhalation Move to fresh air. Oxygen or artificial respiration if needed. IF exposed or concerned: Get medical

advice/attention.

Skin contact Wash contact areas with soap and water. Remove contaminated clothing. Launder contaminated

clothing before reuse. If skin irritation or an allergic skin reaction develops, get medical attention.

Eye contact Flush thoroughly with water. If irritation occurs, get medical assistance.

Do NOT induce vomiting. If vomiting occurs naturally, have victim lean forward to reduce risk of **Ingestion**

aspiration. Call a poison control centre immediately.

4.2. Most important symptoms and effects, both

acute and delayed

4.3. Indication of any immediate medical attention and special treatment

Treat symptomatically.

Defatting of the skin.

needed

SECTION 5: Firefighting measures

General fire hazards No unusual fire or explosion hazards noted. Flammability Class: Combustible IIIB

5.1. Extinguishing media

Suitable extinguishing

media

Halon. Dry chemicals. Foam. Carbon dioxide (CO2). Water spray or fog. Do not use water jet as an

extinguisher, as this will spread the fire.

Unsuitable extinguishing

media

Do not use a solid water stream as it may scatter and spread fire.

5.2. Special hazards arising from the substance or

mixture

No unusual fire or explosion hazards noted.

5.3. Advice for firefighters

Special protective equipment for firefighters

Wear full protective clothing, including helmet, self-contained positive pressure or pressure demand breathing apparatus, protective clothing and face mask.

Special fire fighting procedures

Cool containers exposed to flames with water until well after the fire is out. Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA. Use pressurised air mask if product is involved in a

fire.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Keep unnecessary personnel away. Local authorities should be advised if significant spillages cannot be contained. Wear appropriate protective equipment and clothing during clean-up. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing.

For emergency responders

Keep unnecessary personnel away. Use personal protection recommended in Section 8 of the SDS.

6.2. Environmental precautions

Prevent further leakage or spillage if safe to do so. Prevent entry into waterways, sewer, basements or confined areas. Avoid discharge to the aquatic environment. Contact local authorities in case of spillage to drain/aquatic environment. Avoid discharge into drains, water courses or onto the

6.3. Methods and material for containment and cleaning up

Large Spills: ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Cover with plastic sheet to prevent spreading. Absorb in vermiculite, dry sand or earth and place into containers. Following product recovery, flush area with water.

Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

Never return spills in original containers for re-use.

6.4. Reference to other

For personal protection, see section 8. For waste disposal, see section 13.

sections

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Do not breathe dust/fume/gas/mist/vapours/spray. Wash hands after handling and before eating. Avoid prolonged exposure. All handling to take place in well-ventilated area. Shower after work.

Remove and wash contaminated clothing promptly.

7.2. Conditions for safe storage, including any incompatibilities

Use care in handling/storage. Keep away from heat, sparks and open flame. Store in a

well-ventilated place.

7.3. Specific end use(s) Not available.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational exposure limits

Belaium.	Exposure	Limit V	/alues.

Material	Туре	Value	Form	
HyGold MVI 750	STEL	10 mg/m3	Mist.	
	TWA	5 mg/m3	Mist.	
Components	Туре	Value	Form	
Distillates (petroleum), hydrotreated heavy naphthenic (CAS 64742-52-5)	STEL	10 mg/m3	Mist.	
	TWA	5 mg/m3	Mist.	

Bulgaria. OELs. Regulation No 13 on protection of workers against risks of exposure to chemical agents at work

матегіаі	туре	value	
HyGold MVI 750	TWA	5 mg/m3	
Components	Туре	Value	
Distillates (petroleum), hydrotreated heavy naphthenic (CAS	TWA	5 mg/m3	

Denmark. Exposure Limit Values

Material	Туре	Value	Form
HyGold MVI 750	TLV	1 mg/m3	Mist.
Components	Туре	Value	Form
Distillates (petroleum), hydrotreated heavy naphthenic (CAS 64742-52-5)	TLV	1 mg/m3	Mist.

Finland. Workplace Exposure Limits

Components	Туре	Value	Form	
Distillates (petroleum),	TWA	5 mg/m3	Mist.	
hydrotreated heavy				
nanhthanic (CAS				

naphthenic (CAS 64742-52-5)

64742-52-5)

Germany. DFG MAK List (advisory OELs). Commission for the Investigation of Health Hazards of Chemical Compounds in the Work Area (DFG)

Components	Туре	Value	Form
Distillates (petroleum),	TWA	5 mg/m3	Respirable fraction.
hydrotreated heavy			

naphthenic (CAS 64742-52-5)

Greece, OELs (Decree No. 90/1999, as amended)

Material	Туре	Value	Form
HyGold MVI 750	TWA	5 mg/m3	Mist.

Material name: HyGold MVI 750 - Ergon International 4982 Version #: 01 Issue date: 14-June-2019

SDS EU

Greece. OELs (Decree No. 90/1999 Components	Туре	Value	Form
Distillates (petroleum), nydrotreated heavy naphthenic (CAS 54742-52-5)	TWA	5 mg/m3	Mist.
Hungary. OELs. Joint Decree on Cl Material	nemical Safety of Workplace Type	es Value	Form
HyGold MVI 750	Ceiling	5 mg/m3	Mist.
Components	Туре	Value	Form
Distillates (petroleum),	Ceiling	5 mg/m3	Mist.
nydrotreated heavy naphthenic (CAS 54742-52-5)	Celling	3 mg/m3	Pilot.
Iceland. OELs. Regulation 154/19 Material	99 on occupational exposur Type	e limits Value	Form
HyGold MVI 750	TWA	1 mg/m3	Mist.
Components	Туре	Value	Form
Distillates (petroleum), hydrotreated heavy naphthenic (CAS 64742-52-5)	TWA	1 mg/m3	Mist.
Ireland. Occupational Exposure Li Material	mits Type	Value	Form
HyGold MVI 750	TWA	0,2 mg/m3	Inhalable fraction.
Components	Туре	Value	Form
Distillates (petroleum), hydrotreated heavy naphthenic (CAS 64742-52-5)	TWA	5 mg/m3	Inhalable fraction.
Italy. Occupational Exposure Limit Material	ts Type	Value	Form
HyGold MVI 750	TWA	5 mg/m3	Inhalable fraction.
Components	Туре	Value	Form
Distillates (petroleum), hydrotreated heavy naphthenic (CAS 64742-52-5)	TWA	5 mg/m3	Inhalable fraction.
Lithuania. OELs. Limit Values for (Material	Chemical Substances, Gene Type	ral Requirements Value	Form
HyGold MVI 750	STEL	3 mg/m3	Fume and mist.
	TWA	1 mg/m3	Fume and mist.
Components	Туре	Value	Form
Distillates (petroleum), nydrotreated heavy naphthenic (CAS 54742-52-5)	STEL	3 mg/m3	Fume and mist. Fume and mist.
Nothenlande OFLe (North 1977)	I VVA	1 mg/m3	i unie and illist.
Netherlands. OELs (binding) Material	Туре	Value	Form
HyGold MVI 750	TWA	5 mg/m3	Mist.
Components	Туре	Value	Form
Distillates (petroleum), hydrotreated heavy naphthenic (CAS 64742-52-5)	TWA	5 mg/m3	Mist.

Material	Туре	Value	Form
HyGold MVI 750	TLV	1 mg/m3	Mist.
Components	Туре	Value	Form
Distillates (petroleum), hydrotreated heavy naphthenic (CAS 64742-52-5)	TLV	1 mg/m3	Mist.
	abour and Social Policy on 6 Ju alth factors in the work environ Type		
HyGold MVI 750	STEL	10 mg/m3	Aerosol
	TWA	5 mg/m3	Aerosol
Components	Туре	Value	Form
Distillates (petroleum), hydrotreated heavy naphthenic (CAS 64742-52-5)	TWA	5 mg/m3	Inhalable fraction.
	pational exposure to chemical	agents (NP 1796)	
Portugal. VLEs. Norm on occu			_
	Туре	Value	Form
Portugal. VLEs. Norm on occu Material HyGold MVI 750	Type STEL	Value 10 mg/m3	Aerosol
Material			

HyGold MVI 750	STEL	10 mg/m3	Aerosol
	TWA	5 mg/m3	Aerosol
Components	Туре	Value	Form
Distillates (petroleum), hydrotreated heavy naphthenic (CAS 64742-52-5)	TWA	5 mg/m3	Inhalable fraction.

Romania. OELs. Protection of workers from exposure to chemical agents at the workplace			
Material	Туре	Value	
HyGold MVI 750	STEL	10 mg/m3	
	TWA	5 mg/m3	
Components	Туре	Value	
Distillates (petroleum), hydrotreated heavy naphthenic (CAS 64742-52-5)	STEL	10 mg/m3	
	TWA	5 ma/m3	

	IVVA	5 mg/m3	
Slovakia. OELs. Regulation No. 300 Material	/2007 concerning protec Type	ction of health in work with Value	chemical agents Form
HyGold MVI 750	TWA	1 mg/m3	Fume and mist.
Components	Туре	5 ppm Value	Fume and mist. Form
		15 ppm	Fume and mist.
	TWA	1 mg/m3	Fume and mist.
		5 ppm	Fume and mist.
Spain. Occupational Exposure Limit	ts		
Material	Туре	Value	Form
HyGold MVI 750	STEL	10 mg/m3	Mist.
	TWA	5 mg/m3	Mist.

Spain. Occupational Exposure Limits Form Components Type Value Distillates (petroleum), **STEL** 10 mg/m3 Mist. hydrotreated heavy naphthenic (CAS 64742-52-5) **TWA** 5 mg/m3 Mist. Sweden. OELs. Work Environment Authority (AV), Occupational Exposure Limit Values (AFS 2015:7) Type **Material Value Form** HyGold MVI 750 **STEL** 3 mg/m3 Mist. TWA 1 mg/m3 Mist.

Type Components STEL Distillates (petroleum), hydrotreated heavy naphthenic (CAS

Switzerland. SUVA Grenzwerte am Arbeitsplatz

TWA 1 mg/m3 Mist.

Value

Value

5 mg/m3

3 mg/m3

Form

Mist

Form

Inhalable fraction.

Components Distillates (petroleum), hydrotreated heavy naphthenic (CAS 64742-52-5)

64742-52-5)

No biological exposure limits noted for the ingredient(s).

Recommended monitoring procedures

Not available.

Derived no effect levels (DNELs)

Biological limit values

Not available.

Predicted no effect concentrations (PNECs) Not available.

8.2. Exposure controls

Appropriate engineering

controls

Provide adequate ventilation, including appropriate local extraction, to ensure that the defined occupational exposure limit is not exceeded.

Individual protection measures, such as personal protective equipment

General information Not available.

Eye/face protection

Goggles/face shield are recommended.

Type

TWA

Skin protection

- Hand protection

Chemical resistant gloves are recommended. If contact with forearms is likely wear gauntlet style gloves. When prolonged or frequent repeated contact occurs, Nitrile gloves may be suitable. (Breakthrough time of > 240 minutes.) For incidental contact/splash protection Neoprene, PVC

gloves may be suitable.

- Other

Chemical/oil resistant clothing is recommended. Launder contaminated clothing before reuse.

Respiratory protection

Under normal conditions, respirator is not normally required. When workers are facing concentrations above the exposure limit they must use appropriate certified respirators. No respiratory protection is ordinarily required under normal conditions of use. In accordance with good industrial hygiene practices, precautions should be taken to avoid breathing of material. If engineering controls do not maintain airborne concentrations to a level which is adequate to protect worker health, select respiratory protection equipment suitable for the specific conditions of use and meeting relevant legislation. Check with respiratory protective equipment suppliers. Where air-filtering respirators are suitable, select an appropriate combination of mask and filter. Select a filter suitable for combined particulate/organic gases and vapours [boiling point >65 °C (149 °F)] meeting EN14387.

Thermal hazards

Not available.

Hygiene measures

Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking and/or smoking. Routinely wash work clothing to remove contaminants.

Discard contaminated footwear that cannot be cleaned.

Environmental exposure

controls

Not available.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance Clear & bright

Physical stateLiquid.FormLiquid.ColourAmber

Odour Mild Petroleum Odor

Odour threshold Not available. pH Not available.

Melting point/freezing point -48 °C (-54,4 °F) ASTM D5949/ ISO 3016

Initial boiling point and

boiling range

> 332,22 °C (> 630 °F) ASTM D 2887/ ISO 3294

Flash point 216,0 °C (420,8 °F) Pensky-Martens Closed Cup estimated

225,0 °C (437,0 °F) Cleveland open cup ASTM D92/ ISO 2592

Evaporation rate Not available.

Flammability (solid, gas) Not available.

Upper/lower flammability or explosive limits

Flammability limit - lower Not available.

(%)

Flammability limit -

upper (%)

Not available.

Vapour pressure Not available.

Vapour density > 5

Relative density 0,916 (15,56 °C (60 °F) ASTM D4052/ ISO 12185)

Solubility(ies)

Solubility (water) Insoluble

Partition coefficient Not established.

(n-octanol/water)

Auto-ignition temperature > 315,56 °C (> 600 °F) ASTM E 659

Decomposition temperature Not available.

Viscosity 143 cSt (40 °C (104 °F) ASTMD 445/ ISO 3104)

Explosive propertiesNot available. **Oxidising properties**Not available.

9.2. Other information No relevant additional information available.

SECTION 10: Stability and reactivity

10.1. Reactivity Strong oxidising agents.

10.2. Chemical stability Stable.

10.3. Possibility of hazardous Hazardous polymerisation does not occur.

reactions

10.4. Conditions to avoid Avoid temperatures exceeding the flash point.

10.5. Incompatible materials Strong oxidising agents.

10.6. Hazardous Upon decomposition, this product emits carbon monoxide, carbon dioxide and/or low molecular

decomposition products weight hydrocarbons.

SECTION 11: Toxicological information

General information Not available. **Information on likely routes of exposure**

Inhalation May be harmful if swallowed and enters airways. However, this product does not currently meet

the criteria for classification.

Skin contact Frequent or prolonged contact may defat and dry the skin, leading to discomfort and dermatitis

Eye contact May be irritating to eyes.

Ingestion May cause gastrointestinal discomfort if swallowed. Do not induce vomiting. Vomiting may

increase risk of product aspiration.

Symptoms Not available.

11.1. Information on toxicological effects

Acute toxicity Not classified.

Skin corrosion/irritation Not classified

Serious eye damage/eye

irritation

Not classified. May cause defatting of the skin, but is neither an irritant nor a sensitizer.

Respiratory sensitisationNot classified. **Skin sensitisation**Not classified.

Germ cell mutagenicity Non-mutagenic based on Modified Ames Assay.

Not classified.

Carcinogenicity Nota L - This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA. Meets

EU requirement of less than 3% (w/w) DMSO extract for total polycyclic aromatic compound (PAC)

using IP 346.

Hungary. 26/2000 EüM Ordinance on protection against and preventing risk relating to exposure to carcinogens at work (as amended)

Not listed.

Reproductive toxicityContains no ingredient listed as toxic to reproduction

Specific target organ toxicity

- single exposure

Not classified.

Specific target organ toxicity

- repeated exposure

Not classified.

Aspiration hazard
Mixture versus substance

information

Not classified. Not available.

Other information Not available.

SECTION 12: Ecological information

12.1. Toxicity Not expected to be harmful to aquatic organisms.

12.2. Persistence and

degradability

Not inherently biodegradable.

12.3. Bioaccumulative

potential

Bioaccumulation is unlikely to be significant because of the low water solubility of this product.

Partition coefficient Not

n-octanol/water (log Kow)

Not established.

Bioconcentration factor (BCF) Not available. **12.4. Mobility in soil** Not available.

12.5. Results of PBT and

vPvB assessment

Not a PBT or vPvB substance or mixture.

12.6. Other adverse effectsNo other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Residual waste Dispose of in accordance with local regulations. Avoid discharge into water courses or onto the

ground.

Contaminated packaging Empty containers should be taken to an approved waste handling site for recycling or disposal.

Since emptied containers may retain product residue, follow label warnings even after container is

emptied. Offer rinsed packaging material to local recycling facilities.

EU waste codeNot applicable. Waste codes should be assigned by the user based on the application for which the

product was used.

Disposal Disposal recommendations are based on material as supplied. Disposal must be in accordance with

methods/information current applicable laws and regulations, and material characteristics at time of disposal.

SECTION 14: Transport information

ADR

14.1. - 14.6.: Not regulated as dangerous goods.

RID

14.1. - 14.6.: Not regulated as dangerous goods.

ADN

14.1. - 14.6.: Not regulated as dangerous goods.

IATA

14.1. - 14.6.: Not regulated as dangerous goods.

IMDG

14.1. - 14.6.: Not regulated as dangerous goods.

14.7. Transport in bulk

Not available.

according to Annex II of MARPOL 73/78 and the IBC

Code

General information Not regulated as dangerous goods.

SECTION 15: Regulatory information

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

Regulation (EC) No. 1005/2009 on substances that deplete the ozone layer, Annex I and II, as amended Not listed.

Regulation (EC) No. 850/2004 On persistent organic pollutants, Annex I as amended

Not listed.

Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 1 as amended

Not listed.

Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 2 as amended

Not listed.

Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 3 as amended

Not listed

Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex V as amended Not listed.

Regulation (EC) No. 166/2006 Annex II Pollutant Release and Transfer Registry, as amended

Not listed

Regulation (EC) No. 1907/2006, REACH Article 59(10) Candidate List as currently published by ECHA Not listed.

Authorisations

Regulation (EC) No. 1907/2006, REACH Annex XIV Substances subject to authorization, as amended Not listed.

Restrictions on use

Regulation (EC) No. 1907/2006, REACH Annex XVII Substances subject to restriction on marketing and use as amended

Not listed.

Directive 2004/37/EC: on the protection of workers from the risks related to exposure to carcinogens and mutagens at work, as amended.

Not listed.

Other EU regulations

Directive 2012/18/EU on major accident hazards involving dangerous substances, as amended

Not listed.

Other regulationsThe product is classified and labelled in accordance with EC directives or respective national laws

This Safety Data Sheet complies with the requirements of Regulation (EC) No 1907/2006

National regulations Germany: WGK 1

15.2. Chemical safety No Chemical Safety Assessment has been carried out.

assessment

International Inventories

Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	Yes
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	Yes
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	Yes
Europe	European List of Notified Chemical Substances (ELINCS)	No

Country(s) or region On inventory (yes/no)* **Inventory name** Inventory of Existing and New Chemical Substances (ENCS) Japan Korea Existing Chemicals List (ECL) Yes New Zealand Inventory New Zealand Yes Philippine Inventory of Chemicals and Chemical Substances **Philippines** Yes (PICCS)

Toxic Substances Control Act (TSCA) Inventory United States & Puerto Rico *A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

SECTION 16: Other information

Taiwan

List of abbreviations Not available. References **ACGIH**

IARC Monographs. Overall Evaluation of Carcinogenicity

ACGIH Documentation of the Threshold Limit Values and Biological Exposure Indices

Chemical Abstracts Service Registry Handbook CRC: Handbook of Chemistry and Physics

Taiwan Chemical Substance Inventory (TCSI)

ILO Safety Cards

International Labour Organization

International Maritime Organization Marine Pollutants List

NFPA Hazardous Chemical Data Sheets

NIOSH Pocket Guide

Registry of Toxic Effects of Chemical Substances (RTECS)

US DOT Hazardous Materials Regulations

Information on evaluation method leading to the classification of mixture

Not available.

Full text of any H-statements not written out in full under

Revision information

H350 May cause cancer.

Sections 2 to 15

Product and Company Identification: Alternate Trade Names

Physical & Chemical Properties: Multiple Properties

Regulatory Information: United States **REACH: Registration Substance**

Training information

Further information

Not available.

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

Local CHEMTREC Numbers:

CHEMTREC China: 4001-204937

CHEMTREC EU (Brussels): +(32)-28083237 CHEMTREC Indonesia: 001-803-017-9114 CHEMTREC Malaysia: +(60)-327884561 CHEMTREC Mexico: 1-800-681-9531 CHEMTREC Singapore: +(65)-31581349

Material name: HyGold MVI 750 - Ergon International 4982 Version #: 01 Issue date: 14-June-2019

Yes

Yes