



S O L I D I T Y . F I N A N C E



# RegularPresale - Audit Report

## S U M M A R Y



RegularPresale (\$REGU) is a new community-driven DeFi token on the Binance Smart Chain.

We reviewed the RegularPresale Token contract at [0xF1ca73caa1C7AD66Af11147bA7d5636243AF0493](https://bscscan.com/address/0xF1ca73caa1C7AD66Af11147bA7d5636243AF0493) on the Binance Smart Chain mainnet.

### **Notes on the Contract:**

- *The total supply of the token is set to 100 million [100,000,000].*

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- *At the time of writing this report, 40% of the total supply belongs to the owner.*
- *The next five holders own a cumulative 49.84% of the total supply.*
- *8% of the total supply is stored in a token timelock contract.*
- *The owner can pause/unpause all trading at any time.*
- *The owner can withdraw any \$REGU tokens from the contract address balance at any time.*
- *The contract complies with the ERC20 token standard*
- *As the contract is deployed with Solidity v0.8.x, it is protected from overflows.*
- *Some gas optimizations can be achieved through declaring functions external instead of public. As this contract is already deployed, this is merely informational.*

### ***Audit Findings Summary***

- *No external threats were identified.*
- *Please ensure trust in the team as the owner holds a large portion of the total supply.*
- *Date: November 11th, 2021*

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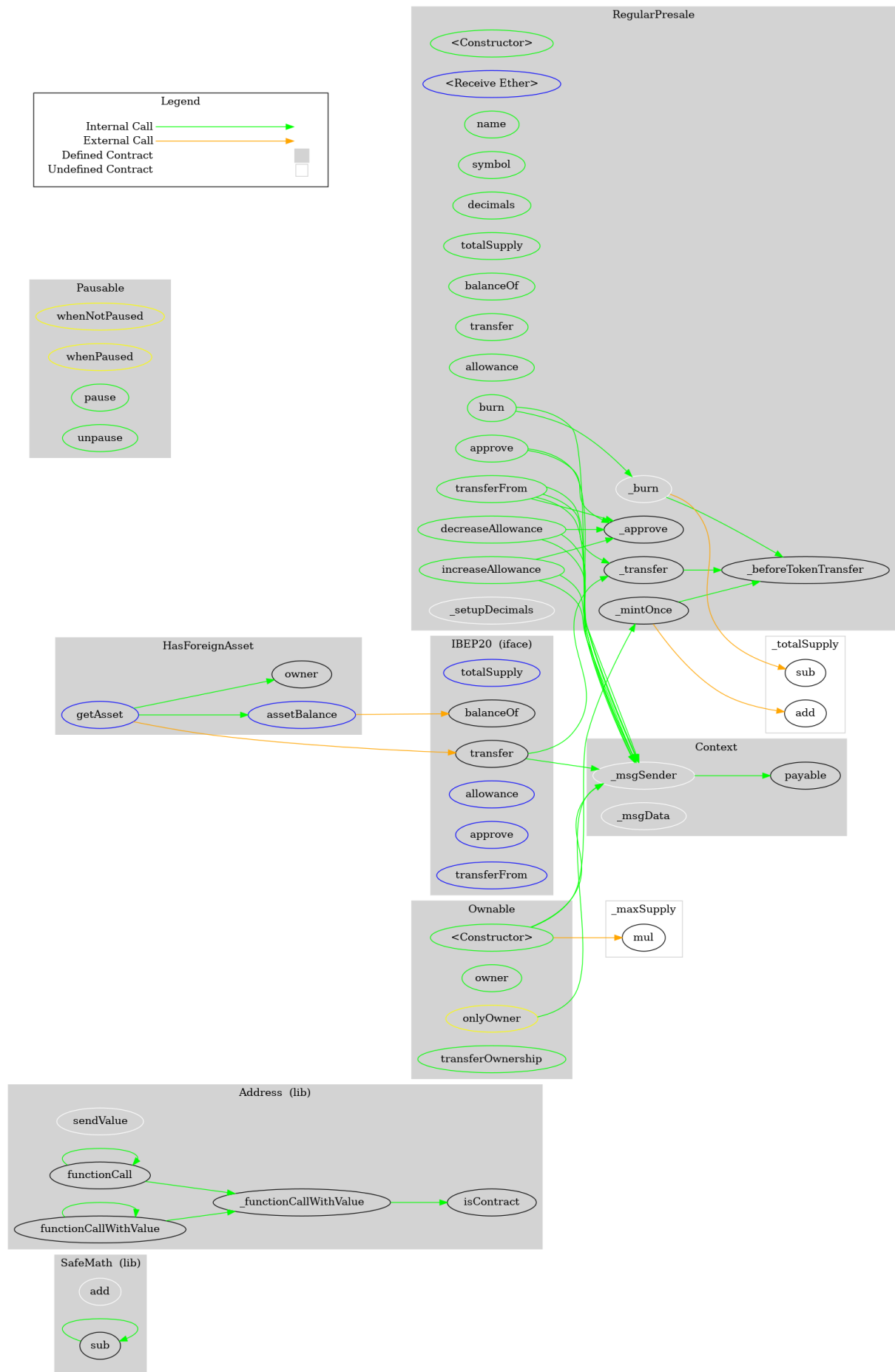
Vulnerability Category	Notes	Result
Arbitrary Storage Write	N/A	PASS
Arbitrary Jump	N/A	PASS
Delegate Call to Untrusted Contract	N/A	PASS
Dependence on Predictable Variables	N/A	PASS
Deprecated Opcodes	N/A	PASS
Ether Thief	N/A	PASS
Exceptions	N/A	PASS
External Calls	N/A	PASS
Flash Loans	N/A	PASS
Integer Over/Underflow	N/A	PASS
Multiple Sends	N/A	PASS
Oracles	N/A	PASS
Suicide	N/A	PASS

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Vulnerability Category	Notes	Result
Unchecked Retval	N/A	PASS
User Supplied Assertion	N/A	PASS
Critical Solidity Compiler	N/A	PASS
Overall Contract Safety		PASS

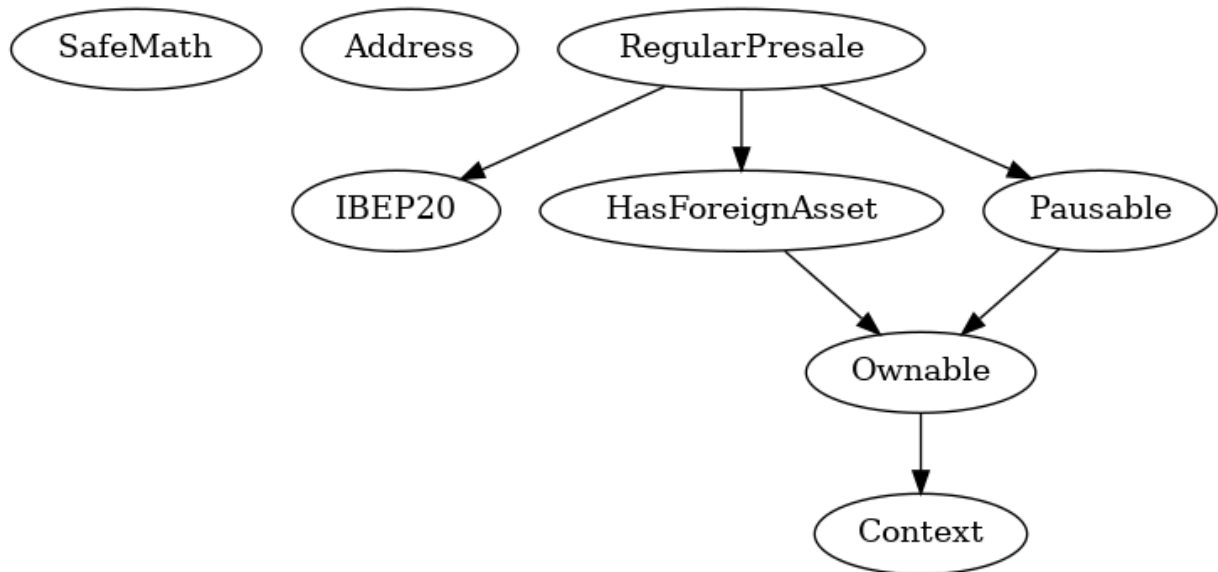
## F U N C T I O N   G R A P H

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## INHERITENCE CHART



## FUNCTIONS OVERVIEW

(\$ ) = payable function  
 # = non-constant function

```

+ [Lib] SafeMath
  - [Int] add
  - [Int] sub
  - [Int] sub
  - [Int] mul
  - [Int] div
  - [Int] div
  
```

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```
+ [Lib] Address
  - [Int] isContract
  - [Int] sendValue #
  - [Int] functionCall #
  - [Int] functionCall #
  - [Int] functionCallWithValue #
  - [Int] functionCallWithValue #
  - [Prv] _functionCallWithValue #

+ [Int] IBEP20
  - [Ext] totalSupply
  - [Ext] balanceOf
  - [Ext] transfer #
  - [Ext] allowance
  - [Ext] approve #
  - [Ext] transferFrom #

+ Context
  - [Int] _msgSender
  - [Int] _msgData

+ Ownable (Context)
  - [Pub] #
  - [Pub] owner
  - [Pub] transferOwnership #
    - modifiers: onlyOwner

+ HasForeignAsset (Ownable)
  - [Ext] assetBalance
  - [Ext] getAsset #
    - modifiers: onlyOwner
```

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```
        - modifiers: onlyOwner,whenNotPaused
- [Pub] unpause #
        - modifiers: onlyOwner,whenPaused

+ RegularPresale (IBEP20, HasForeignAsset, Pausable)
- [Pub] #
- [Ext] ($)
- [Pub] name
- [Pub] symbol
- [Pub] decimals
- [Pub] totalSupply
- [Pub] balanceOf
- [Pub] transfer #
        - modifiers: whenNotPaused
- [Pub] allowance
- [Pub] approve #
- [Pub] transferFrom #
        - modifiers: whenNotPaused
- [Pub] increaseAllowance #
- [Pub] decreaseAllowance #
- [Int] _transfer #
- [Int] _mintOnce #
- [Int] _burn #
- [Pub] burn #
- [Int] _approve #
- [Int] _setupDecimals #
- [Int] _beforeTokenTransfer #
```

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**G O H O M E**

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