



BlockSAFU

ADVANCE MANUAL SMART CONTRACT AUDIT



Project: SKATEARN

Website: skatearn.app



BlockSAFU Score: 82

Contract Address:

0xcdBF0321B039A73A1590472bdb95Ed3c5e0F2c

**Disclaimer: BlockSAFU is not responsible for any financial losses.
Nothing in this contract audit is financial advice, please do your own reasearch.**

DISCLAIMER

BlockSAFU has completed this report to provide a summary of the Smart Contract functions, and any security, dependency, or cybersecurity vulnerabilities. This is often a constrained report on our discoveries based on our investigation and understanding of the current programming versions as of this report's date. To understand the full scope of our analysis, it is vital for you to at the date of this report. To understand the full scope of our analysis, you need to review the complete report. Although we have done our best in conducting our investigation and creating this report, it is vital to note that you should not depend on this report and cannot make any claim against BlockSAFU or its Subsidiaries and Team members on the premise of what has or has not been included in the report. Please remember to conduct your independent examinations before making any investment choices. We do not provide investment advice or in any way claim to determine if the project will be successful or not.

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ABOUT THE AUDITOR:

BlockSAFU (BSAFU) is an Anti-Scam Token Utility that reviews Smart Contracts and Token information to Identify Rug Pull and Honey Pot scamming activity. BlockSAFU's Development Team consists of several Smart Contract creators, Auditors Developers, and Blockchain experts. BlockSAFU provides solutions, prevents, and hunts down scammers. BSAFU is a utility token with features Audit, KYC, Token Generators, and Bounty Scammers. It will enrich the crypto ecosystem.

OVERVIEW

BlockSAFU was commissioned by SKATEARN to complete a Smart Contract audit. The objective of the Audit is to achieve the following:

- Review the Project and experience and Development team
- Ensure that the Smart Contract functions are necessary and operate as intended.
- Identify any vulnerabilities in the Smart Contract code.

DISCLAIMER: This Audit is intended to inform about token Contract Risks, the result does not imply an endorsement or provide financial advice in any way, all investments are made at your own risk. (<https://blocksafu.com/>)

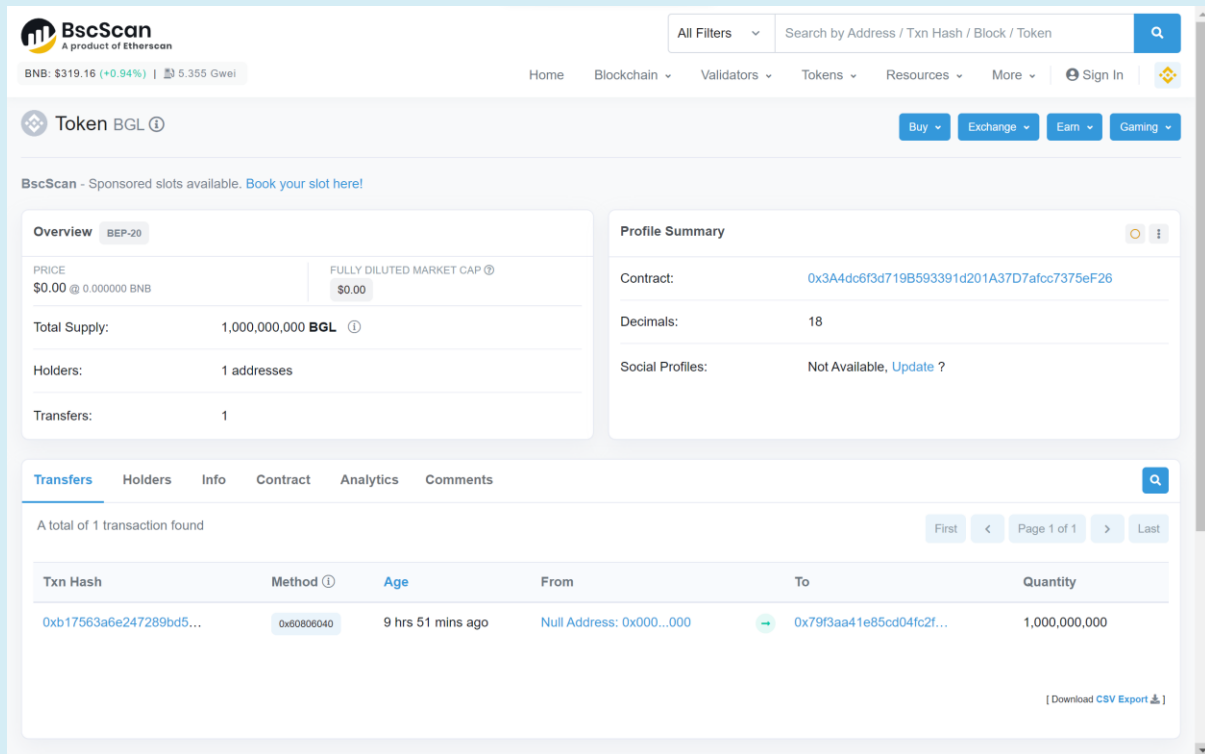
SMART CONTRACT REVIEW

Token Name	SKATEARN
Token Symbol	SKT
Token Decimal	18
Total Supply	100,000,000 SKT
Contract Address	0xcdBF0321B039A73A1590472bdbeb95Ed3c5e0F2c
Deployer Address	0xc4Df781059677f8B10b22b9d65bAE253427C673D
Owner Address	0xc4Df781059677f8B10b22b9d65bAE253427C673D
Tax Fees Buy	1%
Tax Fees Sell	4%
Gas Used for Buy	<i>will be updated after the DEX listing</i>
Gas Used for Sell	<i>will be updated after the DEX listing</i>
Contract Created	May-26-2022 08:10:34 AM +UTC
Initial Liquidity	<i>will be updated after the DEX listing</i>
Liquidity Status	Locked by pinklock
Unlocked Date	<i>will be updated after the DEX listing</i>
Verified CA	Yes
Compiler	v0.7.4+commit.3f05b770
Optimization	Disable with 200 runs
Sol License	MIT License
Top 5 Holders	<i>will be updated after the DEX listing</i>
Other	default evmVersion

DISTRIBUTION TAX

TAX BUY	1 %	TAX SELL	4 %
Liquidity Fee	20 %	Liquidity Fee	20 %
Treasury Fee	25 %	Treasury Fee	25 %
Marketing Fee	30 %	Marketing Fee	30 %
Dividend Fee	25 %	Dividend Fee	25 %

TOP HOLDER



The screenshot shows the BscScan interface for the BGL token. The top navigation bar includes the BscScan logo, a search bar, and links for Home, Blockchain, Validators, Tokens, Resources, More, Sign In, and a wallet icon. The token page header shows 'Token BGL' with buttons for Buy, Exchange, Earn, and Gaming. Below this, a banner mentions 'Sponsored slots available'. The main content is divided into two columns: 'Overview' and 'Profile Summary'. The Overview section includes a table with token details: Price (\$0.00), Fully Diluted Market Cap (\$0.00), Total Supply (1,000,000,000 BGL), Holders (1 address), and Transfers (1). The Profile Summary section lists the Contract address (0x3A4dc6f3d719B593391d201A37D7afcc7375eF26), Decimals (18), and Social Profiles (Not Available). Below these sections is a 'Transfers' tab with a table showing a single transaction. The table has columns for Txn Hash, Method, Age, From, To, and Quantity. The transaction details are: Txn Hash 0xb17563a6e247289bd5..., Method 0x80806040, Age 9 hrs 51 mins ago, From Null Address: 0x000...000, To 0x79f3aa41e85cd04fc2f..., and Quantity 1,000,000,000. A 'Download CSV Export' link is at the bottom right.

Txn Hash	Method	Age	From	To	Quantity
0xb17563a6e247289bd5...	0x80806040	9 hrs 51 mins ago	Null Address: 0x000...000	0x79f3aa41e85cd04fc2f...	1,000,000,000

Team Review

The SKATEARN team has a nice website, their website is professionally built and the Smart contract is well developed, their social media is growing with over 6 people in their telegram group (count in audit date).

OFFICIAL WEBSITE AND SOCIAL MEDIA

Website: <https://skatearn.app/>

Telegram Group: https://t.me/Skating_Crypto

Twitter: https://twitter.com/SkatEarn_App

MANUAL CODE REVIEW

● Minor-risk

1 minor-risk code issue found

Could be fixed, and will not bring problems.

1. The return value of an external transfer/transferFrom return value is checked.
Recommendation: use SafeERC20, or ensure that the transfer/transferFrom return value is checked

```
function transferFrom(  
    address sender,  
    address recipient,  
    uint256 amount  
) external returns (bool);
```

● Medium-risk

0 medium-risk code issues found

Should be fixed, could bring problems.

● High-Risk

0 high-risk code issues found

Must be fixed, and will bring problem.

● Critical-Risk

0 critical-risk code issues found

Must be fixed, and will bring problem.

EXTRA NOTES SMART CONTRACT

1. IBEP20

```
interface IBEP20 {
    /**
     * @dev Returns the amount of tokens in existence.
     */
    function totalSupply() external view returns (uint256);
    ...
    function balanceOf(address account) external view returns (uint256);
    ...
    function transfer(address recipient, uint256 amount) external returns (bool);
    ...
    function allowance(address owner, address spender) external view returns (uint256);
    ...
    function approve(address spender, uint256 amount) external returns (bool);
    ...
    function transferFrom(
        address sender,
        address recipient,
        uint256 amount
    ) external returns (bool);

    /**
     * @dev Emitted when `value` tokens are moved from one account (`from`) to
     * another (`to`).
     *
     * Note that `value` may be zero.
     */
    event Transfer(address indexed from, address indexed to, uint256 value);
    ...
}
```

IBEP20 Normal Base Template

2. Safemath Contract

```
library SafeMath {
  function add(uint256 a, uint256 b) internal pure returns (uint256) {
    uint256 c = a + b;
    require(c >= a, "SafeMath: addition overflow");

    return c;
  }

  function sub(uint256 a, uint256 b) internal pure returns (uint256) {
    return sub(a, b, "SafeMath: subtraction overflow");
  }
  ...

  function mul(uint256 a, uint256 b) internal pure returns (uint256) {
    // Gas optimization: this is cheaper than requiring 'a' not being zero, but the
    // benefit is lost if 'b' is also tested.
    if (a == 0) {
      return 0;
    }

    uint256 c = a * b;
    require(c / a == b, "SafeMath: multiplication overflow");

    return c;
  }

  function div(uint256 a, uint256 b) internal pure returns (uint256) {
    return div(a, b, "SafeMath: division by zero");
  }
  ...
}
```

Standard SafeMath contract

3. Contract SKATEARN

```
contract SKATEARN is IBEP20, Ownable {
    using SafeMath for uint256;

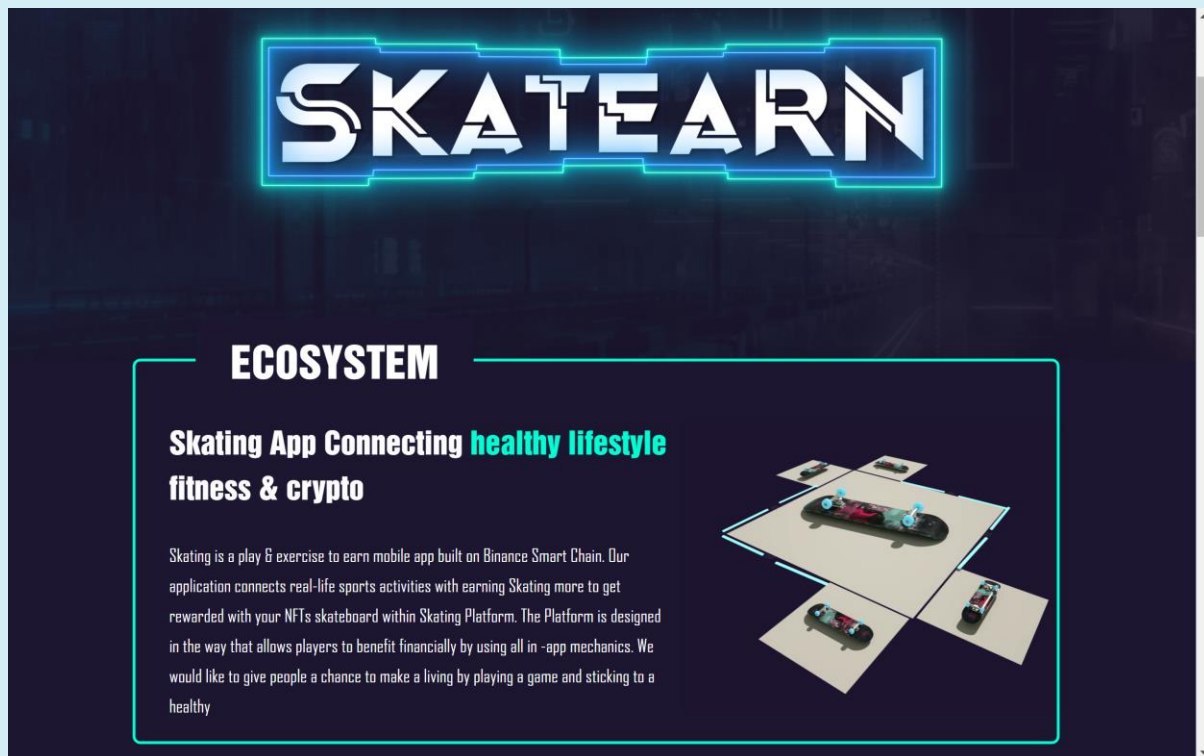
    ...
    uint256 private liquidityFee = 20;
    uint256 private treasuryFee = 25;
    uint256 private reflectionFee = 25;
    uint256 private marketingFee = 30;
    uint256 public buyTax = 1;
    uint256 public sellTax = 4;
    uint256 public constant maxTotalFee = 30;
    uint256 public constant feeDenominator = 100;

    ...
    function setTxnFee(uint256 _buyTax, uint256 _sellTax) external onlyOwner {
        require(_buyTax + _sellTax <= maxTotalFee, "Over max fee");
        buyTax = _buyTax;
        sellTax = _sellTax;
    }

    function setFee(
        uint256 _liquidityFee,
        uint256 _treasuryFee,
        uint256 _reflectionFee,
        uint256 _marketingFee
    ) external onlyOwner {
        require(_liquidityFee + _treasuryFee + _reflectionFee + _marketingFee == 100, "Must
be 100 percent!");
        liquidityFee = _liquidityFee;
        treasuryFee = _treasuryFee;
        reflectionFee = _reflectionFee;
        marketingFee = _marketingFee;
        emit SetFee(_liquidityFee, _treasuryFee, _reflectionFee, _marketingFee);
    }
}
```

The owner cannot set transactions fee over 30%

WEBSITE REVIEW



- Mobile Friendly
- Contains no code error
- SSL Secured (By Let's Encrypt SSL)

Web-Tec stack: jQuery, Bootstrap (need update to latest version), Ruby, Ruby on Rails

Domain .app - (GoDaddy) - Tracked by whois

First Contentful Paint:	939ms
Fully Loaded Time	2.0s
Performance	91%
Accessibility	57%
Best Practices	100%
SEO	80%

RUG-PULL REVIEW

Based on the available information analyzed by us, we come to the following conclusions:

- Locked Liquidity (Locked by pinksale)

(Will be updated after DEX listing)

- TOP 5 Holder.

(Will be updated after DEX listing)

- **The team is not yet KYC**

(Will be updated after team KYC)

HONEYPOT REVIEW

- Ability to sell.
- The owner is not able to pause the contract.
- The owner cannot change the tax.

Note: Please check the disclaimer above and note, that the audit makes no statements or warranties on the business model, investment attractiveness, or code sustainability. The report is provided for the only contract mentioned in the report and does not include any other potential contracts deployed by the project owner.